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1932

**W.E. MARSHALL & CO. INC**  
150 WEST TWENTY THIRD STREET  
NEW YORK

Vegetable Seed Trials

## SEASON OF 1932

# GENERAL DIRECTIONS

**ORDER EARLY.** We request our customers to order as early as possible on receipt of catalogue. We endeavor to ship all orders immediately on receipt, but during the busy season it is almost impossible; hence, the importance of ordering early.

Orders for Bulbs, Plants and Nursery Stock will be shipped in due time for planting in season.

**PARCELS POST.** We deliver free by Parcels Post all seeds, when cash accompanies the order, except Farm Seeds or Clovers. If these are wanted by mail, please add the cost of postage at zone rates.

Fertilizers, insecticides, sundries, trees and plants are, at all times, except as stated below, excluded from free delivery.

No charge for delivery to railroad station, steamer or express office.

**SPECIAL NOTICE.** We deliver free by Parcels Post, Express or Freight (at our option) all Fertilizers, Insecticides or Garden Sundries on all orders value \$3.00 or over, when cash accompanies the order, within a radius of 50 miles of New York City.

**ESTATE SUPERINTENDENTS, GARDENERS AND FARMERS.** Parties requiring the services of reliable men, married or single, should consult with us, as we have the names of a number on our register, thoroughly experienced in every branch of the business. We have a large acquaintance among gardeners in this vicinity, and it is seldom that anyone who applies to us fails of getting the right party. There is no charge for this service.

### SPECIAL NOTICE—PRICES

The prices published in this catalogue are subject to market changes without notice. Owing to the fluctuating market in prices of all materials, we cannot bind ourselves on prices of any articles.

**Payment.** All orders should be accompanied by cash in the form of Draft, Cheque or P. O. Order. Owing to the difficulty in collecting accounts, no order will be attended to unless accompanied by remittance from parties unknown to us or those whose accounts remain unsettled.

**C. O. D. SHIPMENTS.** We are always pleased to supply seeds to be paid for on delivery. Bulbs, Plants, Fertilizers, Insecticides and Perishable Stock will not be sent C. O. D. unless 50 per cent cash accompanies the order.

### WE ISSUE THE FOLLOWING CATALOGUES AND SPECIAL LISTS

**BULB CATALOGUE.** Ready about July 1st, containing a complete list of all bulbs for Fall planting and greenhouse forcing.

**LILIES.** A complete list of over 100 varieties described and illustrated. (See Page 66.)

**TRAINED FRUIT TREES.** Illustrated folder and cultural instructions.

### IMPORTANT DATES FOR 1932

**Easter Sunday.** March 27th.

**Decoration Day.** May 30th.

**Mother's Day.** May 8th.

**Thanksgiving Day.** November 24th.

## W. E. MARSHALL & CO., Inc.

150 WEST 23rd STREET, NEW YORK

TELEPHONES: CHELSEA 3-3287, 3-3288.

**LOCATION OF OUR STORE—**Our store, No. 150 West 23rd Street, is situated between Sixth and Seventh Avenues.

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Season  
1932

**I**N presenting our thirtieth annual spring catalogue, we again thank our many patrons for their continued support, and in doing so we feel most confident that we can again guarantee the same high quality in seeds and bulbs that has proved emblematic of our efforts in the past.

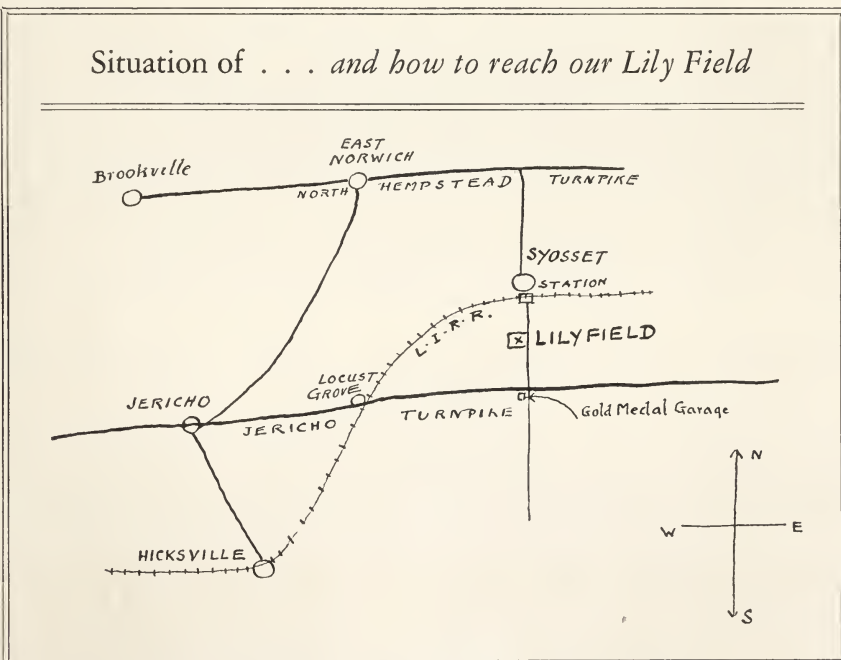
It has been our endeavor, in keeping with the times, to reduce prices wherever possible without resorting to quality sacrifice and we trust you will bear this important factor in mind when making selections.

We invite those interested to visit our establishment in New York City as shown above and our lily field in Long Island as charted below and where at both places they will meet experienced representatives who would offer every assistance in the selection of types with proper cultural advice.



### LILY ESTABLISHMENT

We extend an invitation, to all who are interested in **HARDY LILIES**, to visit our **LILY FIELD** and **TRIAL GROUNDS** at Syosset, Long Island, N. Y., where about **ONE HUNDRED THOUSAND LILY BULBS** have been planted and where during the months from early June until October there will appear a wonderful display of **LILIES** blooming in regular succession in about **ONE HUNDRED VARIETIES**. Our salesmen will be in attendance during the entire period.



First inspect the show plot at the entrance to the Syosset Nurseries, then follow the arrows to the **LILY FIELD** in the rear.

**W. E. MARSHALL & CO. INC.**



## MARSHALL'S LAWN GRASS SEEDS

**Marshall's Lawn Grass Seeds** have given universal satisfaction for the past 30 years and are used on many of the largest estates in every section of the country for making the best lawns. Our mixtures contain only the best grades of re-cleaned grasses, blended in proportions to give quick and permanent results.

## MARSHALL'S "SPECIAL" LAWN GRASS MIXTURE

**Marshall's "Special" Lawn Grass Mixture** produces a perfect as well as permanent, lawn of luxuriant richness. It quickly forms a closely interwoven, firm and elastic turf ready for cutting in about 6 weeks from time of sowing. This "**Special**" mixture is the result of years of experimenting and is composed of the proper proportions of fine-leaved, deep rooting, perennial grasses which will thrive under varied conditions of soil and climate; maintaining a succession of growth during the different seasons of the year, thus insuring a rich, deep green, smooth and velvety lawn, free from clumps.

This is a scientifically blended mixture, containing only the highest grade of re-cleaned seeds of Red Top, Kentucky Blue, Chewings' Fescue, and Perennial Rye grasses, blended in proper quantities.

**Price: Lb. 60c., 5 lbs. \$2.75, 20 lbs. \$10.00, 100 lbs. \$50.00.**

Delivered Transportation Paid when cash accompanies the order.

## MARSHALL'S "CENTRAL PARK" LAWN GRASS MIXTURE

**Marshall's "Central Park" Lawn Grass Mixture** still maintains a high place in the esteem of those who desire an even, dense growth of permanent sward very early in the season. This mixture contains no annual grasses so detrimental to a permanently good lawn. Only grasses of lasting value and extreme hardiness are used in this popular mixture and we exercise great care to use only the purest seed in the proper proportions in its blending. This mixture is recommended to those who desire a popular priced mixture for average conditions and requirements.

Our Central Park Mixture is prepared from our own formula and must not be confused with many mixtures that are sold under this name. It is composed of only the best re-cleaned seeds, containing Kentucky Blue, Fancy Red Top, Fescue, Perennial Rye and a small quantity of White Clover, all blended to warrant perfect results.

1 lb. will sow a plot 15 x 15 ft.; 3½ lbs., 25 x 40 ft. (1,000 sq. ft.); 150 lbs., 1 acre (43,565 sq. ft.).

**Price: Lb. 50c., 5 lbs. \$2.25, 20 lbs. \$8.00, 100 lbs. \$40.00.**

Delivered transportation prepaid when cash accompanies the order.

For best results use **Marshall's Lawn Dressing** for new and old lawns.

**THE LAWN.** The latest and best knowledge on the making and upkeep of lawns. By L. S. Dickinson. \$1.25, Postpaid.



## MARSHALL'S "SHADY PLACE" LAWN GRASS MIXTURE

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places; for sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those adapted for growing in shade. It has been successfully used on some large operations where a green sward was desired on land partially shaded by old trees.

Price: Lb. 60c., 5 lbs. \$2.75, bu. 20 lbs. \$10.00, 100 lbs. \$50.00.

## SPECIAL LAWN GRASS MIXTURE FOR SEASIDE LAWNS

A mixture of fine grasses peculiarly suited to seaside lawns and very sandy soils.

Price: Lb. 55c., 5 lbs. \$2.50, 20 lbs. \$9.00, 100 lbs. \$45.00.

## MARSHALL'S "TERRACE" LAWN GRASS MIXTURE

A special mixture of grasses for sowing on terraces and side hills—grasses that produce strong, spreading roots, thus preventing heavy rain from washing them out; that will withstand drought and exposure, thrive on shallow soils and produce a rich, green turf throughout the season.

Price: Lb. 65c., 5 lbs. \$3.00, bu. 20 lbs. \$11.00, 100 lbs. \$55.00.

## MARSHALL'S ALL BENT FORMULA LAWN GRASS

For many years Bent Grasses have been used for Putting Greens with great popularity and recently many are using them for lawns with perfect results. Our mixture contains only Bent Grasses in variety.

Price: Lb. \$2.00, 5 lbs. \$9.50, 20 lbs. \$37.50.

## MARSHALL'S CHEWING'S FESCUE FORMULA LAWN GRASS

To procure an exceptionally fine lawn that will withstand drought and other adverse conditions, we recommend this mixture. It is composed of Chewing's Fescue, various Bents and a small proportion of Red Top. These grasses will give a wonderful dark green texture and combined with their spreading habit and thick growth will give a velvety appearance throughout the Summer and Fall.

Price: Lb. \$1.00, 5 lbs. \$4.50, 20 lbs. \$17.50.

## MARSHALL'S MATCHLESS LAWN DRESSING

The proper feeding of grass is a matter of great importance in good lawn making and maintenance. Health and vigor of grass depend upon the use of a well balanced fertilizer. Matchless Lawn Dressing is odorless and contains each of the three elements, namely, nitrogen, phosphates and potash, which are necessary for the proper growth of grass. For new lawn use 4 pounds per 100 square feet. On existing lawns use the same quantity twice yearly, Spring and Fall.

Price: 100 lb. bag \$5.50, 500 lbs. \$27.50, 1,000 lbs. \$50.00.

Delivered transportation paid, when cash accompanies the order, within a radius of 50 miles of New York.

## Permanent Grass Mixtures for Golf Links

### MARSHALL'S "PUTTING GREEN," or "TENNIS COURT" MIXTURE

A very carefully prepared mixture for use on putting greens, croquet lawns, tennis courts, bowling greens and lawns. This mixture produces a very thick, soft growth, when sown on a well-prepared ground, and mowed short will allow a ball to roll in almost a direct line. We especially recommend this mixture to those who are particular to obtain the very best. Our mixture contains only the very fine-bladed species of grasses without Rye Grass. 25 lbs. will seed a putting green 75 feet square.

Price: 5 lbs. \$4.50, 20 lbs. \$16.00, 100 lbs. \$80.00.

### MARSHALL'S FAIR GREEN MIXTURE

Marshall's Fair Green Mixture is composed mainly of perennial native grasses and two very important European grasses which have proven of great value for Fair Green use. They are all of dwarf, spreading growth, forming a close velvety surface which improves from year to year if given proper care.

This mixture contains no Clover but will be added if desired in quantity of one-half pound per bushel of grass seed. Sow 150 lbs. per acre.

Price: 20 lbs. \$8.00, 100 lbs. \$40.00.

### MARSHALL'S POLO FIELD MIXTURE

This mixture is composed of deep rooting grasses that will form an enduring turf and stand the roughest usage. Sow at the rate of 150 to 200 lbs. per acre.

Price: 25 lbs. \$12.50, 100 lbs. \$50.00.

## Grass for Hay Crops and Pastures

### MIXTURES FOR HAY AND PERMANENT PASTURES

The results obtained from our special Grass Seed mixtures are well known by the constantly increasing demand for them. Fall seeding is preferable, but Spring sowing will be successful if done early, while the land is cool and moist. In addition to the Grasses, we advise sowing 10 lbs. of Mixed Clover Seed per acre.

*We recommend sowing 50 lbs. to the acre.*

**PERMANENT PASTURE MIXTURE No. 1. For cool and light soils.**

**PERMANENT PASTURE MIXTURE No. 2. For medium soils.**

**PERMANENT PASTURE MIXTURE No. 3. For heavy soils.**

Prices of any of the above Mixtures, 10 lbs. \$4.50, 100 lbs. \$40.00.

## CLOVERS

Prices subject to market changes.

	Quantity per acre	Per lb.	Per bushel	Per 100 lbs.
<b>Alfalfa, or Lucerne</b> ( <i>Medicago sativa</i> ). Northwestern Pine Tree. One of the most valuable forage plants.....	20 lbs.	\$0.50	\$24.00	\$40.00
<b>Alfalfa, Grimm</b> . Certified. This strain has larger crowns and a deeper root system, is extremely hardy and more productive than the ordinary variety .....	20 lbs.	.65	36.00	60.00
<b>Alsike</b> ( <i>Trifolium hybridum</i> ). The hardiest of all Clovers, can be cut several times in one season. Grows well on low, wet land.....	10 lbs.	.40	18.00	30.00
<b>Crimson, or Scarlet Clover</b> ( <i>Trifolium incarnatum</i> ). An annual variety producing large crops of green foliage.....	20 lbs.	.30	13.00	20.00
<b>Mammoth Red, or Pea Vine</b> . Grows much taller than Medium Red Clover..	10 lbs.	.45	21.00	35.00
<b>Medium Red</b> ( <i>Trifolium pratense</i> ). Domestic. This is the common Red Clover so largely grown throughout the country.....	15 lbs.	.45	21.00	35.00
<b>Sweet Clover, Bokhara</b> ( <i>Melilotus alba</i> ). Will grow on very poor soils; useful for ensilage and plowing under. Grows from 3 to 4 ft. high. Hulled seed.....	15 lbs.	.25	11.00	18.00
<b>White Clover</b> ( <i>Trifolium repens</i> ). Valuable for lawns as it forms a very close and green texture. On sandy dry soils it is very satisfactory. It is also valuable in pastures.....	10 lbs.	.70	36.00	60.00
<b>Mixed Clover</b> .....	10 lbs.	.50	24.00	40.00

All Clovers weigh 60 pounds per bushel.

**INOCULATE THIS  
SEED WITH  
STIMUGERM**

"Stimugerm" for Alfalfa and Clovers.  $\frac{1}{4}$  bus. unit 35c.  $\frac{1}{2}$  bus. unit 60c.  
1 bus. unit \$1.00.  $2\frac{1}{2}$  bus. unit \$2.25.

# Marshall's Recleaned Grass Seeds

## FOR LAWNS, FIELD AND OTHER PURPOSES

Many of the following grasses are used in Mixtures for Lawns and Pastures. The seeds we are offering show maximum purity and germination and are all of the highest quality procurable.

For anyone wishing mixtures of their own formula, we shall be pleased to ship the grasses separate or mix them to their own specifications.

	Lb.	10 lbs.	100 lbs.
<b>Bent, Cocoos or Seaside Bent.</b> A hardy creeping variety with fine texture and a beautiful dark green color. It has fine turf producing qualities for Putting Greens or Lawns.....	\$2.60	\$25.00	\$225.00
<b>Bent, Colonial</b> ( <i>Agrostis Tenuis</i> ). Identical to Rhode Island Bent.....	2.00	17.00	150.00
<b>Bent, Creeping</b> ( <i>Agrostis Species</i> or South German). One of the finest grasses for Putting Greens and Lawns. Makes a low, compact velvety growth with spreading habit.....	2.00	17.00	150.00
<b>Bent, Rhode Island</b> ( <i>Agrostis Tenuis</i> ). Makes a fine dark green turf, of good color and fine texture.....	2.00	17.00	150.00
<b>Blue Grass, Canadian</b> ( <i>Poa compressa</i> ). Adapted to the poorest and driest soils. Fine for pastures but not suited for lawns owing to its less pleasing color...	.40	3.50	32.00
<b>Blue Grass, Kentucky</b> ( <i>Poa pratensis</i> ). One of the most valuable native grasses for lawns and pastures. Succeeds well on all good soils. Weight per bus. 20 lbs.....	.45	4.00	35.00
<b>Fescue, Cheving's New Zealand.</b> Adapted to practically all conditions, making a fine compact turf of dark green color and resistant to hard wear. Weight per bus. 20 lbs.....	.70	6.50	60.00
<b>Fescue, Hard</b> ( <i>Festuca duriuscula</i> ). A slender, densely tufted perennial grass, 1 to 2 ft. high. Thrives on dry, sandy soils. Weight per bus. 14 lbs.....	.50	4.50	40.00
<b>Fescue, Red</b> ( <i>Festuca Rubra</i> ). A deep rooting grass suitable for lawns in poor and sandy soils. It resists drought and will thrive in shady places.....	.70	6.50	60.00
<b>Fescue, Sheep</b> ( <i>Festuca ovina</i> ). A small tufted, hardy grass, of value in mixture for lawns or dry soil.....	.50	4.50	40.00
<b>Fescue, Meadow, or English Blue Grass</b> ( <i>Festuca pratensis</i> ). Root creeping; perennial; flowers in July; one of the most valuable of the Fescue grasses. This grass is well adapted for permanent pastures. It grows rapidly in rich and rather moist soils and makes excellent pasture grass, its long, tender leaves being much relished by cattle. It should always be mixed with other grasses .....	.35	3.00	25.00
<b>Orchard Grass.</b> A good grass for hay crop, yielding nearly the same amount as Timothy and almost equal in feeding value. Orchard Grass will grow on almost every soil. It prefers a moderately dry soil with considerable sandy material. One of the best grasses for sowing in shady places and among fruit trees in orchards. 35 to 40 lbs. required for one acre. Weight per bus. 14 lbs.....	.35	3.00	25.00
<b>Red Top, Fancy Cleaned</b> ( <i>Agrostis vulgaris</i> ). A highly recommended grass for permanent pasture and as meadow grass for hay. Red Top is especially valuable for sour and acid soils, and meadow lands. Red Top makes one of the best grasses for lawn use, either sown alone or in connection with White Clover, or in a mixture with other grasses. Use 14 to 16 lbs. to acre. Weight per bus. 30 lbs.....	.40	3.50	30.00
<b>Rye Grass, Domestic.</b> A mixture of English and Italian Rye Grasses, grown in the United States, and used for a nurse for lawn grasses and where immediate results are wanted. Extensively used in the South for turf.....	.30	2.50	15.00
<b>Rye Grass, Italian</b> ( <i>Lolium italicum</i> ). It is a very rapid grower, forms a dense turf, and is regarded as an excellent hay grass. Weight per bus. 20 lbs.....	.30	2.50	20.00
<b>Rye Grass (Pacey's).</b> A carefully selected, short-seeded, dwarf-growing strain, suitable for lawns.....	.30	2.50	22.00
<b>Rough Stalked Meadow Grass</b> ( <i>Poa trivialis</i> ). A spreading, stoloniferous rooted grass. Adapted for shady lawns and pasture mixtures.....	.65	6.00	50.00
<b>Timothy, or Herb Grass</b> ( <i>Phleum pratense</i> ). The standard hay of commerce. The excellent quality of the hay and the ease of culture make it valuable. It is adapted to most soils, but succeeds best on moist loam and clay. Timothy sown alone requires about 20 lbs. per acre; when sown with Red Clover use 15 lbs. Timothy and 5 lbs. Red Clover. Weight per bus. 45 lbs.....	.20	1.50	12.00
<b>Wood Meadow Grass</b> ( <i>Poa nemoralis</i> ). Excellent for shaded positions in lawns and woodland parks. Very hardy, resisting extremes of heat and cold.....	1.50	13.00	120.00

Prices subject to market changes.

# Novelties and Specialties in Flower Seeds



Nasturtium, New Double, Golden Gleam

**ANTIRRHINUM** "Marshall's Rock Hybrids." An extremely dwarf strain. Blooming most profusely, they have a highly decorative effect in rock and alpine gardens. Early flowering. In mixture containing shades of rose, pink, purple, mauve and bicolors. Per packet 50c.

**BROWALLIA** *Viscosa compacta Sapphire.* The very straggling habit of *Browallia viscosa* has always been a drawback, but our new form is a wonderfully compact little plant, not over 9 or 10 inches high, bearing sometimes over a hundred dark blue flowers with eye suggesting a large-flowered *Lobelia*. Commencing to bloom in July, it is of exceptional value for conservatory decoration. Per packet 35c.

**DELPHINIUM** "Wrexham" Hybrids. Though no longer to be included in the category of novelties this superior strain of "hardy Larkspur" so far outclasses all other types, that we again wish to focus the attention of flower lovers on it. Massive broad based spires in many gorgeous shades. Our Wrexham strain is rapidly replacing the various other types hitherto offered, as the last word in Delphiniums. Wrexham Delphiniums are at their best silhouetted against a clump of *Lilium Candidum*. Per packet \$2.00. 1/8 oz. \$5.00.

**DIANTHUS** *Alwoodii Alpinus.* A very beautiful little perennial *Dianthus*, flowering the first year from seed. It is only four to six inches high, semi-double flowers of all *Dianthus* colors. A perfect gem for rock gardens or for edging borders. Per packet \$1.00.

**FELICIA** *Bergeriana.* Tufted grass-like foliage from which emerge masses of small blue star-shaped flowers. A really pretty annual of unique beauty. Per packet 35c.

**HELIOPHILA** *Leptophylla.* This is an excellent plant for pots and borders, more compact than *H. lineifolia* and bearing larger flowers quite half an inch across. These are of a bright blue intensified toward the centre, with clear white eye. It is very floriferous and for the border should be planted 9 to 12 inches apart. Per packet 35c.

**LUPINUS** *Mrs. Nicol Walker.* A new "Regel" variety. The color resembles that of a freshly opened Pomegranet, being of a rich Indian-red and deep yellow. Per packet \$1.50.

**LUPIN** *Northern Torchlight.* A beautiful warm carmine and cherry red, maintaining its glowing color right through the spike. Up to the present the nearest approach to scarlet. Per packet 75c.

**NASTURTIUM** *Golden Gleam. New Double Sweet Scented.* The plant forms a vigorous bush which throws out short runners averaging eighteen inches. As soon as it nears development, the entire plant including the runners is a blaze of color. The large golden-yellow flowers average two and one-half inches across, standing well above the foliage on stiff stems six inches in length. We consider this a remarkable Novelty. Per packet 25c., oz. \$2.50.

**PANSY** "Marshall's Apricot Bedder." Here we offer a splendid bedding Pansy of large size and of exceptionally fine color which is best described as a rich deep apricot deepening towards the center. This, grown in conjunction with Giant Pansy "King of the Blacks" (offered on Page 22) will provide an uncommonly beautiful color combination. Per packet 50c.

## FLOWER SEED SPECIALTIES—Continued

**POPPY** **Iceland. Sanford's Giant.** Mammoth flowers 5 inches across with strong wiry stems comprising all colors known in the annual Shirley poppy. Per packet \$1.50.

**URSINIA** **Anethoides.** A very attractive annual, being easy to grow and is very showy for cutting or garden decoration. The Daisy-like flowers are rich orange in color with a ring of deep purple at the base. Per packet 50c.

**VERBENA** **New Dwarf "Compact Fireball."** A compact Verbena growing about 6 inches high, literally covered with bright scarlet blossoms. Excellent for borders or pot plants. Per packet 50c.

**VENIDIUM** **Fastuosum.** A half hardy South African annual with flowers of brilliant orange with dark center and black-purple zone. Sown in February, will bloom indoors by the middle of May or outdoors in July. 2 to 3 feet. Per packet 50c.

## NEW and DISTINCTIVE PLANTS and BULBS

**ANGELONIA SALICARIAEFOLIA**

A most fascinating tender perennial which may be used as a pot plant, but experience has proven it to be a most desirable bedding plant. It will bloom consistently throughout the season, will endure excessive drought and, on the other hand, has withstood heavy rain storms. The plant is well branched and festooned with Gloxina-like blossoms of purplish blue with white throats. Will bloom its best when grown in poor soil. Plants from 2½ in. pots, \$4.00 per doz., \$25.00 per 100.

**CARNATION** **Giant Laddie.** The color of this wonderful Carnation is three shades darker than Laddie, and the flower is far superior in every respect. It produces 95% perfect flowers during the winter months, 4½ to 5 inches across, on tall, strong, stiff stems. Rooted cuttings. 25 for \$20.00, 100 \$75.00. Not less than 25 sold. January or later delivery.

**CORNUS KOUSA CHINENSIS**

**(Chinese Dogwood).** This beautiful rare white Dogwood has all the good qualities of the Japanese variety, but the individual flowers are very large and are produced in great abundance in May, and continue to bloom for a long period. Trees, 3 to 4 feet, \$6.50 each.

**CHRYSANTHEMUM** **New Early "Aladdin."**

This new variety has all the good qualities of the late flowering varieties and has attracted much attention at the recent flower shows. The color is a warm bronze with an overlay of orange apricot. Unlike most hardy Chrysanthemums this new variety does not seem to object to hot weather and full sunshine. The blooming time for Aladdin has been given as August, although flowers often come earlier, sometimes in the middle of July. It will make a good substitute for Asters in localities where they are hard to grow. Shipments made in Spring. Plants from 3 in. pots. \$9.00 for 10, \$80.00 per 100. 25 at the 100 rate.

**LILIUM** **Wallacei.** For some years we have been developing a stock of this scarce Lily and now we are in a position to supply a large quantity of flowering bulbs at greatly reduced prices. When all other dwarf Lilies have long gone out of bloom this beautiful Lily will break into blossom about Sept. 1st from Spring planted bulbs and about Aug. 15th from Fall planting. The color is somewhat lighter than shown in our book "Consider the Lilies" and may be described as a deep apricot with dark spots in center. The bulbs we offer have three to four crowns and should produce as many flower stems. Each 40c., doz. \$5.00, 100 \$30.00. Postage paid. 25 bulbs sold at 100 rate.



Chrysanthemum Aladdin

**PYRACANTHA** **coccinea lalandi** (Evergreen Firethorn). A beautiful evergreen irregular branched shrub, prized principally for the profusion of bright orange-red berries which remain on the plant all Winter. It is most attractive planted against a wall as a climber, or can be used in groups. A brilliant touch to the Winter landscape. Exceptionally strong plants, three feet high, from 7 in. pots \$5.00 each.

**ROSE** **The New Dawn** (The Everblooming Dr. W. Van Fleet). The first plant patented under new patent law. U. S. Patent No. 1. This new Rose is identical in every way with its parent in size and formation of flower, color, etc., but blooms continuously throughout the Summer and Fall months. 2 year field grown plants. Each \$2.00.

**TRITOMA** **Rufa Hybrids.** Charming hybrids of this new race of Tritomas varying in color from all shades of red and yellow to white. The flowers are smaller and more dainty than the old Tritoma; they make excellent cut flowers. Very free flowering blooming from June until frost. 3 for \$1.50, 10 for \$4.00, 100 \$35.00.

# Marshall's Matchless Flower Seeds

ALL FLOWER SEEDS ARE MAILED FREE AT PACKET, OUNCE AND POUND RATE TO ANY POST OFFICE IN THE UNITED STATES

The following list contains a most complete assortment of the choicest and most popular flowers for either conservatory, greenhouse or garden culture.

**Annuals** grow from seed, flower, mature their seed, and die in one year, or, in other words, the same season.

**Hardy Annuals** are those which can be sown in the open ground.

**Half-Hardy Annuals** are those which should be started early in the house, conservatory or hotbed, and transplanted to the garden in settled warm weather.

**Biennials** grow from seed, sown from June to August, ripen their seed and die the next year, though some varieties bloom the same season if sown early in gentle heat.

**Hardy Biennials** will winter in the open ground without protection.

**Perennials** grow from seed, and continue flowering annually for many years after the first season. Some varieties flower the first season if planted early in gentle heat.

**Half-Hardy Biennials** require the protection of a coldframe or cool house during Winter.

**Hardy Perennials** can remain in the open ground during Winter without protection.

**Half-Hardy Perennials** require the protection of a coldframe or cool house during the Winter.

**Tender or Greenhouse Perennials** require window or greenhouse culture, free from frost during Winter and thrive in the garden during the warm months.

## EXPLANATION OF FLOWER SEED ABBREVIATIONS

H.A.	designates	Hardy Annuals—Lasting but one year.
H.H.A.	"	Half-Hardy Annuals—Lasting but one year.
H.B.	"	Hardy Biennials—Lasting but two years.
H.H.B.	"	Half-Hardy Biennials—Require protection during Winter.
H.P.	"	Hardy Perennials—Lasting three or more Years.

H.H.P.	designates	Half-Hardy Perennials—Require protection during Winter.
H.C.	"	Hardy Climber—Lasting three or more years.
G.P.	"	Greenhouse Plant.
H.A.C.	"	Hardy Annual Climber.

	Pkt.
<b>ABRONIA umbellata.</b> H.A. Trailing annual, pink flower trusses, 9 in. .... ¼ oz. 25c. ....	\$0.10
<b>ABUTILON. New Hybrids.</b> G.P. Large bell-shaped flowers. Mixed colors. ....	.25
<b>ACACIA.</b> G.P. Finest mixed, elegant Winter and Spring flowering plants. .... ¼ oz. 50c. ....	.15
<b>ACHILLEA ptarmica, "The Pearl."</b> H.P. Double white flowers. .... ⅛ oz. \$1.00 ....	.25
<b>ACONITUM napellus.</b> H.P. Dark blue flowers in August. .... ¼ oz. \$1.00 ....	.15
<b>Wilsoni.</b> Light blue flowers in large trusses. .... ⅛ oz. \$1.00 ....	.25
<b>ACROCLINIUM.</b> H.A. Pretty everlasting flowers; fine for Winter bouquets. 1 ft. ....	.10
<b>album.</b> Pure white; double flowers. ¼ oz. 25c. ....	.10
<b>roseum.</b> Bright rose; double flowers. ¼ oz. 30c. ....	.10
<b>Finest Mixed Colors.</b> .... ¼ oz. 20c. ....	.10
<b>ADONIS autumnalis.</b> H.A. Crimson flowers with dark centers. 1 ft. .... ¼ oz. 25c. ....	.15
<b>vernalis.</b> H.P. Large, yellow; flowers in early Spring. 9 in. .... ¼ oz. 75c. ....	.15
<b>AGATHAEA coelestis</b> (Blue Marguerite). H.H.P. Pretty blue Daisy-like flowers. An excellent pot plant. 1½ ft. .... ¼ oz. \$1.00 ....	.25
<b>AGERATUM.</b> H.A. Blooms throughout the Summer; feathery flowers in clusters. ....	
<b>mexicanum.</b> Fine for bedding or pot culture. Blue. 1½ ft. .... ¾ oz. 30c. ....	.10
<b>mexicanum album.</b> A beautiful white variety. 1½ ft. .... ¾ oz. 30c. ....	.10
<b>Imperial Dwarf Blue.</b> Extra neat; fine for edging. 9 in. .... ¾ oz. 50c. ....	.15
<b>Imperial Dwarf White.</b> Pretty for contrast; fine for edgings. 9 in. .... ¾ oz. 50c. ....	.15
<b>Blue Perfection.</b> Very fine dwarf. 9 in. .... ¾ oz. 50c. ....	.15
<b>Little Blue Star.</b> Light blue; fine for carpet bedding. 6 in. .... ⅛ oz. \$1.00 ....	.25
<b>Princess Victoria Louise.</b> Dwarf, light blue, white center. 9 in. .... ½ oz. \$1.00 ....	.25
<b>Swanley Blue.</b> A fine, large-flowered sort. 1 ft. .... ¾ oz. 50c. ....	.15
<b>AGROSTEMMA coeli-rosa</b> (Rose of Heaven). H.A. Bright rose; excellent for cutting. 18 in. .... ¾ oz. 35c. ....	.10
<b>coeli-alba.</b> White. .... ¾ oz. 25c. ....	.10
<b>coronaria</b> (Rose Campeon). H.P. Crimson flowers, silver foliage. 2 ft. .... ¼ oz. 35c. ....	.10
<b>ALONSOA Warscewiczii compacta.</b> H.A. For pots or outside planting. Foliage dark green with racemes of bright scarlet flowers. 15 in. ....	.25

	Pkt.
<b>ALSTROMERIA HYBRIDS.</b> ....	
<b>Mixed.</b> Lily-like perennials with clusters of flowers on long stems in yellow and orange-red shades. 3 ft. ....	\$0.25
<b>ALYSSUM.</b> H.A. Pretty little plants for beds, vases, baskets, edgings or rockwork; blooming profusely all Summer. ....	
<b>maritimum</b> (Sweet Alyssum). Fragrant, white; flowers all Summer. 6 in. .... oz. 50c. ....	.10
<b>maritimum compactum, Little Gem.</b> Grows erect; fine for edging. .... oz. \$1.00 ....	.10
<b>Benthami compactum, Lilac Queen.</b> Pure lilac flowers, dwarf and compact growth. 6 in. .... ¼ oz. 35c. ....	.10
<b>Benthami compactum lutescens.</b> Yellowish flowers on strictly upright flower spikes. 6 in. .... ¼ oz. 35c. ....	.10
<b>procumbens</b> (Carpet of Snow). Dwarf; pure white. 4 in. .... ¼ oz. 50c. ....	.10
<b>saxatile compactum.</b> H.P. Spring-blooming Alyssum with yellow flowers. 12 in. .... ¼ oz. 75c. ....	.15
<b>saxatile, Silver Queen.</b> An early Spring-blooming perennial with masses of pale lemon flowers. 6 in. ....	.25
<b>AMARANTHUS.</b> H.A. Ornamental foliage plants, producing a striking effect either in the conservatory or flower garden. ....	
<b>caudatus</b> (Love-lies-bleeding). Long drooping crimson spikes. 3 ft. .... ¼ oz. 35c. ....	.10
<b>salicifolius</b> (Fountain Plant). Distinct variety, with graceful drooping leaves. 2 ft. .... ¼ oz. 35c. ....	.10
<b>tricolor</b> (Joseph's-coat). Leaves red, yellow and green. 2 ft. .... ¼ oz. 50c. ....	.10
<b>AMPELOPSIS Veitchii</b> (Japanese Woodbine, or Boston Ivy). H.C. .... ¼ oz. 40c. ....	.10
<b>ANAGALLIS grandiflora.</b> H.H.A. Mixed colors. Showy garden plant. 6 in. .... ¼ oz. 35c. ....	.10
<b>ANCHUSA capensis.</b> H.A. Flowers resembling large Forget-me-nots. 18 in. .... ¼ oz. 75c. ....	.10
<b>grandiflora</b> (Droperm Variety). H.P. Large flowered, dark blue. 5 ft. .... ¾ oz. 50c. ....	.15
<b>ANEMONE.</b> H.P. A very pleasing perennial, producing large flowers. 12 in. ....	
<b>coronaria, St. Brigid.</b> .... ½ oz. 50c. ....	.15
<b>japonica.</b> Pink. 2 to 3 ft. ....	.25
<b>japonica alba.</b> White. ....	.25
<b>ANGELONIA grandiflora.</b> G.P. A sweet-scented greenhouse plant with dainty mauve sprays of flowers. 2 ft. ....	.25
<b>ANTHEMIS Kelwayi.</b> H.P. Yellow flowers, 3 ft. .... ¼ oz. 75c. ....	.15



Aquilegia, Long-spurred



Antirrhinum Matchless



Anemone Coronaria

**ANTIRRHINUM. H.H.B.** The Snapdragon is one of our finest biennials, flowering the first year as annuals. Their rich colors and keeping qualities as cut flowers make them most desirable.

Greenhouse Forcing Varieties:	Pkt.
Afterglow. A splendid glowing bronze...	\$1.00
Ceylon Court. A soft Mandarin yellow...	1.00
Geneva Pink. Exquisite deep pink.....	1.00
Helen. Glowing salmon.....	1.00
Jennie Schneider. Soft brilliant pink....	1.00
Judd's Pink. A rich glowing shade.....	.50
Judd's Rose. An unusually rich color....	.50
Matchless White. A selected strain.....	.50
Matchless Yellow. A fine strain.....	.50
Orlando. Bronze.....	1.00
Penn-Orange. Vivid orange with yellow and pink shadings.....	1.00
Philadelphia Pink. A beautiful pink....	.50
White Rock. White.....	1.00

**Large-flowering Half-Dwarf Varieties.** The best for bedding purposes, growing about 18 inches high.

Black Prince. Dark-leaved, blackish crimson purple.....	.15
Defiance. Fiery scarlet.....	.15
Golden Queen grandiflora. Pure yellow. ½ oz. 50c.	.15
Queen of the North. White.... ½ oz. 50c.	.15
roseum superbum. Rosy-pink... ½ oz. 75c.	.15
Silver Queen. A distinct color of pure silvery lilac. A beautiful color under artificial light.....	.15
The Bride. White, changing to delicate rose. .... ½ oz. 50c.	.15
Fine Mixed. All colors..... ¼ oz. 60c.	.15
Collection of six above varieties.....	.75

**Marshall's Giant-flowering Varieties.** These grow about 3 feet high and are all of the large-flowering types.

Bonfire. Bright cinnabar red, yellow blotch. ¼ oz. 75c.	.15
Coral Red. Rich, with red throat... ¼ oz. 75c.	.15
Defiance. Fiery scarlet..... ¼ oz. 75c.	.15
Firefly. Scarlet and yellow..... ¼ oz. 50c.	.15
Indian Summer. A rich velvety and glossy copper color..... ¼ oz. \$1.00	.25
Queen Victoria. Large white.... ¼ oz. 50c.	.15
roseum. Rose..... ¼ oz. 50c.	.15
Ruby. Pure ruby red..... ¼ oz. 50c.	.15
Salmon Pink. Very large-flowering... ¼ oz. 50c.	.15
Striped. Odd and pretty..... ¼ oz. 50c.	.15
Venus. Delicate rose on white ground. ¼ oz. 50c.	.15
Giant Yellow..... ¼ oz. 60c.	.15
Giant Large-flowered Mixed. Fine variety of colors..... ¼ oz. 50c.	.10
Collection of six distinct varieties.....	.75
Collection of twelve distinct varieties.....	1.50

**AQUILEGIA (Columbine). H.P. Pkt.**

Fine, free flowering, hardy border plant—one of our most desirable perennials. Seed may be planted in the open ground early in Spring and will in some varieties bloom in the same season. Best results, however, are obtained by planting in August for the next season's blooming.

Marshall's Matchless Long-spurred Hybrids. A grand variety of colors of the long-spurred and large-flowered forms. 3 ft.....	1/8 oz. \$1.00	\$0.25
caerulea hybrida. Large-flowered blue hybrids. 3 ft.....	1/8 oz. 75c.	.25
chrysantha. Long-spurred, golden yellow. 2 ft.....	1/8 oz. 75c.	.25
chrysantha grandiflora alba. Large pure white. 2 ft.....	1/8 oz. \$1.00	.25
Copper Queen. A rich glowing coppery red with long spurs of deeper hue.....		.25
glandulosa vera. Dark blue and white. 12 in.		.25
Marshall's Rose Queen. A beautiful selection of long-spurred rose shades.....		.25
Skinneri. A beautiful scarlet, tipped green. 2 ft.....	1/8 oz. \$1.00	.25
Collection of five choice varieties.....		1.00
Single. Mixed colors.....	1/4 oz. 75c.	.15
Double-flowering. Mixed colors... ¼ oz. 75c.		.15

ARABIS alpina. H.P. Excellent for borders or rockwork. Pure white. 6 in... ¼ oz. 50c.	.15
ARCTOTIS grandis. H.A. Daisy-like flowers; white shaded blue. 2 ft..... ¼ oz. 50c.	.15
ARMERIA, Giant Thrift. H.P. A pretty edging plant with deep pink flowers. 12 in. ¼ oz. 75c.	.15
ASPARAGUS plumosus nanus. G.P. Graceful and feathery bright green foliage. 8 ft. 100 seeds \$1.00	.25
sprengeri. A handsome variety of rapid growth for hanging baskets. 3 ft. 100 seeds 50c.	.15
ASPERULA odorata (Woodruff). H.P. The white flowers and foliage are perfumed. 12 in.....	.15

**ASTER. (Perennial.)**

<b>Delavayi.</b> H.P. A charming new introduction with large lavender flowers and center disc of jet black. A superb plant....	.50
<b>Farreri.</b> H.P. The flowers are single with violet-mauve petals and a large golden-orange disc, often 2½ inches in diameter produced on long, stiff naked stems. Commencing to bloom in May.....	.50
<b>Michaelmas Daisy.</b> H.P. Large flowering, hardy mixed, Fall flowering varieties; rich shades of purples, lavenders, etc. 2½ ft.....	¾ oz. \$1.00 .25



Aster, Ostrich Plume



Aster, Perennial



Auricula

## ASTERS

Plants from seeds sown in the open ground in May bloom finely in September and October, when the flowers are seen at their best. For July and August flowers, sow in March or April, in cold-frame, spent hotbed, or pots and boxes in the house. Cover the seeds about half an inch deep with rich, light soil, and when the plants have three or four leaves, transplant about 18 inches apart each way into well prepared beds.

### CHRYSANTHEMUM - FLOWERED.

Dwarf. A splendid variety of compact habit. 12 in.  $\frac{1}{4}$  Oz. Pkt.

Apple Blossom.....	\$1.25	\$0.15
Dark Blue.....	1.25	.15
Fiery Scarlet.....	1.25	.15
Light Blue.....	1.25	.15
White.....	1.25	.15
Rose.....	1.25	.15
Finest Mixed Colors.....	1.00	.15

**GIANTS OF CALIFORNIA.** An improved form of Crego with flowers 6 inches across, packed with broad petals. 24 in.

Dark Purple.....	1.25	.15
Deep Rose.....	1.25	.15
Light Blue.....	1.25	.15
Peach Blossom.....	1.25	.15
White.....	1.25	.15
Finest Mixed.....	1.00	.15

**GIANT BRANCHING COMET.** A Giant Comet type of Branching Asters. All large, full flowers. 2 ft.

Crimson.....	.75	.10
Lavender.....	.75	.10
Light Pink.....	.75	.10
Royal Purple.....	.75	.10
Rose.....	.75	.10
White.....	.75	.10
Finest Mixed Colors.....	.75	.10

**IMPROVED GIANT BRANCHING.** The flowers are large, fine for cutting. 2 ft.

Crimson.....	1.00	.10
Dark Blue.....	1.00	.10
Light Blue.....	1.00	.10
Rose.....	1.00	.10
Shell Pink.....	1.00	.10
White.....	1.00	.10
Finest Mixed. All colors.....	1.00	.10
Collection of Six Varieties.....	...	.50

**MARSHALL'S KING.** Upright growth; large flowers, long, narrow petals. 2 ft.

Crimson.....	1.25	.15
Lavender.....	1.25	.15
Rose.....	1.25	.15
Violet.....	1.25	.15
White.....	1.25	.15
Finest Mixed.....	1.00	.15

### ASTERS.—(Continued.)

**OSTRICH PLUME.** Splendid class, fine for cutting. 18 in.  $\frac{1}{4}$  Oz. Pkt.

Crimson.....	\$1.00	\$0.10
Light Blue.....	1.00	.10
Rose.....	1.00	.10
White.....	1.00	.10
Finest Mixed Colors.....	1.00	.10

**QUEEN OF THE MARKET.** The earliest of all. 18 in.

Crimson.....	.75	.10
Dark Blue.....	.75	.10
Light Blue.....	.75	.10
Pink.....	.75	.10
Rose.....	.75	.10
White.....	.75	.10
Choice Mixed. All colors.....	.60	.10

**SINGLE SINENSIS.** Popular for cut flowers. 18 in.

Light Blue.....	1.00	.15
Pink.....	1.00	.15
Scarlet.....	1.00	.15
Violet.....	1.00	.15
White.....	1.00	.15
Finest Mixed Colors.....	.75	.15

**SUNSHINE or Improved Anemone Flowered.** Fine for cutting. 24 in.

Blue.....	1.25	.15
Lilac.....	1.25	.15
Pink.....	1.25	.15
White.....	1.25	.15
Finest Mixed.....	1.00	.15

### VARIOUS ASTERS.

<b>Beauty.</b> Late flowering. 30 in. Finest Mixed.....	1.00	.15
<b>Daybreak.</b> A delicate pink Aster. 2 ft. 1.25	1.25	.15
<b>Enchantress Pink.</b> A delicate pink.. 1.25	1.25	.15
<b>Everlasting Flesh.</b> Resembles a large Helichrysium.....	...	.25
<b>Heart of France.</b> Rich dark red, nicely branched. 24 in.....	1.25	.15
<b>Purity.</b> Pure white. 2 ft.....	1.25	.15
<b>Yellow Fancy.</b> Canary-yellow. 2 ft.. 1.25	1.25	.15

ASTERS—Perennial varieties—See Page 9.

**AUBRIETIA.** H.P. Suitable for rock-work and herbaceous borders. 9 in.

<b>græca.</b> Purple; trailing.....	...	.25
<b>Leichtlini.</b> Carmine; trailing.....	...	.25
<b>hybrida grandiflora.</b> Finest mixed colors.....	...	.25

**AURICULA, Finest Mixed.** H.P. Flowers resemble the polyanthus primrose. Many lovely shades of yellows, garnets, and purples with lighter centers. 6 in.....

**BACHELOR BUTTON.** (See *Centaurea cyanus*.)

**BALLOON VINE.** H.H.C. White flowers, followed by balloon-like seed pods. 10 ft. ....



Balsam, double



Calendula 'Campfire'



Brachycome

	Pkt.
<b>BALSAM</b> (Lady's Slipper). H.A. Showy and easily grown annuals. 18 in.	
Double Dark Blue.....	$\frac{1}{4}$ oz. 50c. \$0.10
Double Salmon.....	$\frac{1}{4}$ oz. 50c. .10
Double Scarlet.....	$\frac{1}{4}$ oz. 50c. .10
Double Yellow.....	$\frac{1}{4}$ oz. 50c. .10
Double White.....	$\frac{1}{4}$ oz. 50c. .10
Mixed Colors. Extra choice; double.....	oz. \$1.00 .10
Collection Camellia-flowered. Six separate colors.....	.50
<b>BARTONIA aurea</b> . H.A. Large single yellow flowers. 12 in.....	$\frac{1}{4}$ oz. 30c. .10
<b>BEGONIA, Bedding Varieties</b> . H.H.A. The following are of the Semperflorens type.	
Erfordi. Carmine bedder. 6 in...1-32 oz.	\$4.00 .50
gracilis rosea. Delicate rose. 9 in.....	.25
gracilis luminosa. Deep scarlet. 9 in.....	.25
Marshall's Crimson. Light green foliage, with large crimson fiery-red flowers....	.50
gracilis Mignon. Scarlet flowers, foliage deep green, with red spots and border. 6 in.....	.25
gracilis "White Pearl." Pure white flowers, with light green foliage. 9 in.....	.25
Prima Donna. Rose shaded carmine; used for bedding and winter blooming.....	.50
Salmon Queen. Bright salmon flowers. 6 in.	.25
Vernon. Bronze foliage with scarlet flowers. 9 in.....	$\frac{1}{8}$ oz. \$2.00 .25
<b>BEGONIA, Tuberous-rooted</b> . G.P. Produce magnificent flowers; grown either in pots or for bedding.	
Marshall's Giant Single, Mixed. 12 in....	1.00
Marshall's Giant Double, Mixed. 12 in....	1.00
Rex Varieties. Ornamental leaves. 12 in.	1.00
<b>BELLIS perennis fl. pl.</b> (Double English Daisy). H.P. Spring-flowering perennial. 6 in.	
Longfellow. Dark rose.....	$\frac{1}{8}$ oz. \$1.00 .25
Snowball. Pure white.....	$\frac{1}{8}$ oz. \$1.00 .25
Giant Red. Dark red.....	$\frac{1}{8}$ oz. \$1.00 .25
Giant Mixed.....	$\frac{1}{8}$ oz. \$1.00 .25
<b>BLUE LACE FLOWERS</b> (See <i>Didiscus caerulea</i> ).	
<b>BOCCONIA japonica</b> . H.P. Very ornamental; flowers white. 6 ft.....	$\frac{1}{4}$ oz. 50c. .15
<b>BOLTONIA asteroides</b> . H.P. Pure white Aster-like flowers. 4 ft.....	.25
latisquama. Pink flowers, tinged with lavender. 5 ft.....	.25
<b>BRACHYCOME iberidifolia</b> . H.H.A. The well-known "Swan-River Daisy" is a beautiful little, half-hardy annual; pretty blue flowers. 18 in.....	$\frac{1}{8}$ oz. 50c. .15
iberidifolia, Mixed (Swan-River Daisy). For edging. 12 in.....	$\frac{1}{4}$ oz. 50c. .15
<b>BROWALLIA</b> . H.A. Profuse-blooming annual, highly prized for cutting. 2 ft.	
elata caerulea. Bright blue....	$\frac{1}{4}$ oz. \$1.00 .25
roezlii. Free flowering, bluish white.....	.25
speciosa major. Flowers $1\frac{1}{2}$ to 2 in. across; blue, white throat.....	.25

	Pkt.
<b>BROWALLIA—(Continued.)</b>	
viscosa. The salvia-shaped flowers are of a bright violet-blue.....	\$0.50
<b>CACALIA coccinea</b> (Tasselflower). H.A. Scarlet flowers. 2 ft.....	$\frac{1}{4}$ oz. 35c. .10
<b>CALCEOLARIA hybrida grandiflora</b> . G.P. Highly prized plants for conservatory and house decoration.	
Marshall's Matchless Strain. Finest spotted, in the most marvelous variety of shades and marking.....	.75
Large Flowering "Dalkeith Park Strain." Finest varieties.....	.50
rugosa Mixed. Bedding varieties. 12 in...	.50
<b>CALENDULA</b> (Cape Marigold). H.A. Free and continuous flowering garden plants. 12 in.	
Campfire. The best orange.....	$\frac{1}{4}$ oz. \$1.00 .25
Meteor. Double yellow, striped orange.....	oz. 50c. .10
Orange King. Double rich orange red flowers.....	oz. 75c. .10
Sulphur Crown. Double, yellow.....	oz. 75c. .10
The Ball. Large, double orange.....	$\frac{1}{4}$ oz. \$2.00 .25
Finest Mixed. All varieties.....	oz. 50c. .10
<b>CALLIOPSIS</b> . H.A. Nothing is more effective than a large bed of these golden flowers.	
atrosanguinea. Rich dark red. 18 in.	$\frac{1}{4}$ oz. 30c. .10
compacta, Crimson King. Deep bright scarlet. 18 in.....	$\frac{1}{4}$ oz. 50c. .10
Golden Wave (Drummondii). Pure yellow flowers, very large and showy.....	$\frac{1}{4}$ oz. 50c. .10
marmorata. Maroon and gold. 18 in.	$\frac{1}{4}$ oz. 50c. .10
tinctoria. Large bright yellow and maroon flowers. 2 ft.....	$\frac{1}{4}$ oz. 50c. .10
Dwarf, Finest Mixed. All shades of yellow, red and brown. 12 in.....	$\frac{1}{4}$ oz. 30c. .10
Tall Mixed. A grand variety for cutting. 2 ft.....	$\frac{1}{4}$ oz. 30c. .10
<b>CALLIRHOE involucrata</b> (Poppy Mallow). H.P. Beautiful trailing plant; flowers large, crimson, with white center. 12 in.	$\frac{1}{8}$ oz. 75c. .15
<b>CAMPANULAS</b> . H.P. All the Campanulas can be grown in ordinary gardens and will flower from seeds the following year.	
carpatia. Deep blue; for rockeries, beds and edgings. 6 in.....	$\frac{1}{4}$ oz. 50c. .15
carpatia alba. Flowers white. 6 in.	$\frac{1}{4}$ oz. 50c. .15
pyramidalis (Chimney Bell). Very conspicuous towering spikes, with clear blue flowers. 4 ft.....	$\frac{1}{4}$ oz. \$1.00 .15
pyramidalis alba. Pure white. 4 ft.	$\frac{1}{4}$ oz. \$1.00 .15
persicifolia grandiflora, Blue. Superb large flowers. 2 ft.....	$\frac{1}{8}$ oz. \$1.25 .25
persicifolia grandiflora alba. A white-flowered variety.....	$\frac{1}{8}$ oz. \$1.25 .25
persicifolia Telham Beauty. China blue, very large flowers. 2 ft.....	.50
persicifolia grandiflora, Fine Mixed. Very showy. 2 ft.....	$\frac{1}{8}$ oz. \$1.25 .25



Campanula calycanthemum



Candytuft, White Perfection



Celosia pyramidalis

**CAMPANULA—(Continued.)**

- media**, H.B. (Canterbury Bells.) Old-fashioned, hardy biennials; splendid for borders or for naturalizing in the wild garden. 2 ft.  
**Single. Blue, Rose, Striped or White or All Colors mixed.**.....each  $\frac{1}{4}$  oz. 50c. \$0.10  
**Double**  
**Blue, White or Rose.**.....each  $\frac{1}{4}$  oz. \$1.00 .15  
**Mixed**..... $\frac{1}{4}$  oz. 75c. .15  
**calycanthemum** (Cup and Saucer). A splendid variety with large, semi-double flowers resembling a cup and saucer. Fine for cut flowers or border use. 2 ft.  
**Blue, Lavender, Rose or White.**  
 $\frac{1}{4}$  oz. \$1.25 .15  
**Mixed**..... $\frac{1}{4}$  oz. \$1.00 .15

**CANARY BIRD VINE.** H.A.C. Pretty climber, with yellow, butterfly-like flowers. 10 ft. ....oz. 50c. .10

**CANDYTUFT.** H.A. Showy plants, much grown in masses in beds or for edging. 12 in.

- coronaria Empress.** A large-flowered variety of purest white, grown extensively for cut flowers. 12 in. .... $\frac{1}{4}$  oz. 30c. .10  
**coronaria Little Prince.** Very large heads of pure white flowers. 6 in. .... $\frac{1}{4}$  oz. 50c. .10  
**coronaria Giant Hyacinth-flowered.** White.  $\frac{1}{4}$  oz. 30c. .10

- Marshall's White Perfection.** A grand white variety ..... $\frac{1}{4}$  oz. 50c. .10  
**Rose Cardinal.** Bright rosy cardinal, a rich and striking color. .... $\frac{1}{4}$  oz. 50c. .10  
**umbellata dunnettii.** Crimson. .... $\frac{1}{4}$  oz. 30c. .10  
**umbellata lilacina.** Lilac-purple. .... $\frac{1}{4}$  oz. 30c. .10  
**umbellata Dwarf Hybrids.** Mixed colors; neat and pretty. 6 in. .... $\frac{1}{4}$  oz. 50c. .10  
**Mixed Annual Sorts.** .....oz. 50c. .10  
**Gibraltarica.** H.P. Beautiful bluish-white. 12 in. .... $\frac{1}{4}$  oz. \$1.25 .15  
**Queen of Italy.** H.P. Rosy white. 6 in. .... $\frac{1}{4}$  oz. 35c. .10  
**sempervirens.** H.P. White flowers. 12 in. .... $\frac{1}{4}$  oz. \$1.00 .25

**CANNAS.** G.P. Handsome foliage and flowering plants, producing striking effects in beds or borders. Soak the seed in hot water 24 hours before sowing. 3 to 4 ft. (For Canna roots see Page 52.)

- Mixed.** Dark-leaved variety. ....oz. 50c. .10  
**Crozy's Large Flowering.** Dwarf, mixed varieties .....oz. 60c. .10

**CANTERBURY BELLS.** H.B. (See Campanula media.)

**CARDINAL CLIMBER** (See Ipomoea cardinalis). H.A.C.

**CARNATION.** Marguerite. H.H.P. The perpetual flowering Carnations produce a large proportion of double flowers in six months from sowing. 18 in.

**CARNATION MARGUERITE—(Continued.)** Pkt.

- Marshall's Giant, Double Pink.**  $\frac{1}{8}$  oz. \$1.25 \$0.15  
**Marshall's Giant, Double Scarlet.**  $\frac{1}{8}$  oz. \$1.25 .15  
**Marshall's Giant, Double White.** Large, perfect flowers. .... $\frac{1}{8}$  oz. \$1.25 .15  
**Marshall's Giant, Double Yellow.** A clear soft shade. .... $\frac{1}{8}$  oz. \$1.25 .15  
**Marshall's Giant Double Mixed.** Extra large and perfect flowering, in a rich variety of colors. .... $\frac{1}{8}$  oz. \$1.00 .15  
**Chabaud's Everblooming Mixed.** Blooms in five months after being sown, and continues to flower in the greatest profusion indefinitely. 18 in. .... .25  
**Early Dwarf Vienna.** Double mixed. 12 in. .... $\frac{1}{4}$  oz. 75c. .15  
**Grenadine Double Scarlet.** Very early flowering. 18 in. .... $\frac{1}{4}$  oz. \$1.00 .15  
**Finest Double Mixed. Border.** Saved from extra fine flowers. 18 in. .... $\frac{1}{4}$  oz. \$1.00 .15

**CASTOR BEANS.** (See Ricinus.)

**CELOSIA Childsi** (Chinese Woolflower). A variety of feathered Celosia with large globular flower-heads like balls of wool. 2 ft.

- Childsi Crimson.** ..... $\frac{1}{8}$  oz. 75c. .15  
**Pink** ..... $\frac{1}{8}$  oz. 75c. .15  
**Yellow** ..... $\frac{1}{8}$  oz. 75c. .15  
**Mixed** ..... $\frac{1}{8}$  oz. 50c. .15

**cristata, or Cockscomb.** H.H.A. Popular annual of easy culture, producing Cockscomb-like heads.

- Empress.** Crimson combs; dark foliage. 9 in. .... $\frac{1}{4}$  oz. \$1.25 .15  
**Glasgow Prize.** Large, deep crimson. 12 in. .... $\frac{1}{8}$  oz. \$1.00 .15  
**Queen of the Dwarfs.** Very dwarf form, deep crimson. 6 in. .... $\frac{1}{8}$  oz. \$1.00 .15  
**Dwarf.** Mixed colors. Extra fine strain. 9 in. .... $\frac{1}{4}$  oz. \$1.00 .15

**CELOSIA plumosa, or Ostrich Plume.** H.H.A. Producing large, graceful plumes. Makes fine plants for large beds or groups, and the plumes or flowers can be cut and dried for Winter bouquets. 3 ft.

- pyramidalis magnifica aurea.** Golden-yellow plumes ..... $\frac{1}{4}$  oz. 75c. .15  
**Kermesina.** Crimson plumes. .... $\frac{1}{4}$  oz. 75c. .15  
**coccinea.** Scarlet plumes. .... $\frac{1}{4}$  oz. 75c. .15  
**Thompson's Superb.** Feathery plumes; dwarf habit, dark crimson. .... $\frac{1}{4}$  oz. 75c. .15  
**plumosa, Mixed.** Feathered varieties in all colors. .... $\frac{1}{4}$  oz. 75c. .15  
**Pride of Castle Gould.** All shades in choicest mixture; branching habit. .... $\frac{1}{4}$  oz. \$1.00 .25

**CELSIA arcturus.** G.P. Long spikes of bright yellow flowers. Fine for pot culture in cool greenhouse. .... .50





Cosmos, Crested



Cobaea Scandens



Cyclamen

- CINERARIA**—(Continued.)
- |  | Pkt.                |
|--|---------------------|
| <b>maritima candidissima.</b> H.H.P. A white-leaved "Dusty Miller," used for edging. 1 ft. ....  | ¼ oz. 35c. \$0.15   |
| <b>CLARKIA.</b> H.A. This pretty and easily grown annual does well either in sun or shade. 2 ft.   |                     |
| <b>Brilliant.</b> Double salmon-scarlet flowers.   | ¼ oz. 50c. .15      |
| <b>Queen Mary.</b> Very bright rose-carmine, double flowers. ....  | ¼ oz. 50c. .15      |
| <b>rosea flore pleno.</b> Double rose. ....  | ¼ oz. 50c. .15      |
| <b>Salmon Queen.</b> Extra double, salmon-pink. ....   | ¼ oz. 50c. .15      |
| <b>Scarlet Queen.</b> Fine double, brilliant salmon-orange-scarlet. ....   | ¼ oz. 50c. .15      |
| <b>White.</b> Very double, pure white flowers. ....  | ¼ oz. 50c. .15      |
| <b>Double Mixed.</b> All colors. ....  | ¼ oz. 35c. .10      |
| <b>CLEOME gigantea</b> (Giant Spiderflower). H.A. Bright rosy-crimson flowers; adapted for large beds or borders. 3½ ft. ....  | ¼ oz. 50c. .15      |
| <b>CLIANTHUS dampieri.</b> G.P. (Austrian Glory Pea). Scarlet flowers. ....  | .25                 |
| <b>CLERODENDRON fallax.</b> G.P. Erect growing greenhouse plant, with large spikes of scarlet flowers. ....  | .50                 |
| <b>COBAEA scandens.</b> H.A.C. Tender climber, large, bell-shaped blue flower. 20 ft. ....   | ¼ oz. 30c. .15      |
| <b>White.</b> Large white, bell-like flowers. ....   | ¼ oz. 60c. .15      |
| <b>COCKSCOMB.</b> See <i>Celosia cristata</i> .  |                     |
| <b>COLEUS, Marshall's Matchless Mixed.</b> G.P. Richly colored foliage plants. ....  | .25                 |
| <b>thyrsoides.</b> Flowers light blue, borne in panicles; fine leaves. ....  | 1.00                |
| <b>COLLINSIA, Mixed.</b> Free flowering, hardy annuals of deserved popularity, blooming from June to October, and suited to dry situations. ....   | ¼ oz. 35c. .10      |
| <b>COLUMBINE.</b> (See <i>Aquilegia</i> .)   |                     |
| <b>CONVOLVULUS, or Morning Glories.</b> (See also <i>Ipomoea</i> .) H.A.C. Deservedly very popular, as they are of the most free-flowering and rapid growing plants in cultivation, thriving in almost any situation.  |                     |
| <b>major.</b> Mixed colors. Climbers of rapid growth. 30 ft. ....  | oz. 30c. .10        |
| <b>minor, or Bush Morning Glories.</b> Mixed colors. 12 in. ....   | oz. 30c. .10        |
| <b>COREOPSIS.</b> H.P. Long stemmed, large, single flowers. 2 ft. Fine cut flower.   |                     |
| <b>grandiflora.</b> Large flowers of rich yellow. ....   | ¼ oz. 35c. .15      |
| <b>grandiflora fl. pl.</b> An improved type with large double flowers of deep yellow. ....   | ¼ oz. 75c. .15      |
| <b>CORN, Rainbow.</b> H.A. Variegated leaves, striped in green, white and yellow. 5 ft. ....   | oz. 50c. .10        |
| <b>CORNFLOWER.</b> (See <i>Centaurea cyanus</i> .)   |                     |
| <b>COSMOS.</b> H.A. This is one of our most useful and beautiful Autumn flowers. To get it in bloom early, seed should be sown in May in the open ground where the plants are desired to bloom, and the seedlings allowed to grow and flower without being transplanted. 5 ft. |                     |
| <b>Double-crested, Early-flowering.</b> Semi-double flowers in great profusion. 5 ft.  |                     |
| <b>Crimson King.</b> Bright red. ....  | ¼ oz. \$1.50 \$0.25 |
| <b>Pink Beauty.</b> A lovely shade of pink, crested flowers. ....  | ¼ oz. \$1.50 .25    |
| <b>White Queen.</b> Pure white, crested flowers. ....  | ¼ oz. \$1.50 .25    |
| <b>Crested Mixed.</b> The above colors in mixture. ....  | ¼ oz. \$1.25 .25    |
| <b>Extra Early Giant-flowering.</b> Flowers 4 to 5 inches across. 4 ft.  |                     |
| <b>Crimson</b> ....  | ¼ oz. 60c. .10      |
| <b>Pink</b> ....   | ¼ oz. 60c. .10      |
| <b>White</b> ....  | ¼ oz. 60c. .10      |
| <b>Mixed Colors</b> ....   | ¼ oz. 50c. .10      |
| <b>Giant Late-flowering.</b> Blooms in September and October. 5 ft.  |                     |
| <b>Lady Lenox, Pink</b> ....   | ¼ oz. 50c. .10      |
| <b>Lady Lenox, White</b> ....  | ¼ oz. 50c. .10      |
| <b>Red</b> ....  | ¼ oz. 50c. .10      |
| <b>Mixed.</b> All shades. ....   | ¼ oz. 35c. .10      |
| <b>Klondyke.</b> Large flowered golden yellow. ....  | ¼ oz. 50c. .10      |
| <b>Hollywood Star.</b> An odd and striking star shaped flower with red, pink and white flowers on long stems. ....   | ¼ oz. \$1.50 .25    |
| <b>COWSLIP, Mixed</b> ( <i>Primula veris</i> ). H.P. A Spring-flowering plant. Beautiful colors, rich brown, crimson and yellow. 6 in. ....  | .25                 |
| <b>CUPHEA platycentra</b> (Cigar Plant). H.H.P. Valuable as a bedding and border plant. The flowers are scarlet with a black and white lip. 1 ft. ....   | .25                 |
| <b>CYNOGLOSSUM amabile.</b> H.A. Beautiful rich blue, sweet-scented flowers. Fine for cutting. 18 in. ....   | ¼ oz. \$1.00 .25    |
| <b>amabile Pink</b> ....   | ¼ oz. \$1.00 .25    |
| <b>CYPERUS alternifolius</b> (Umbrella Plant). G.P. Handsome plants easily raised from seed; used for table decorations and combining with palms; semi-aquatic. 2 ft. ....   | .25                 |
| <b>CYPRESS VINE.</b> H.A.C. A fast growing annual vine, with feathery, dark-green foliage and star-like flowers. 10 ft.  |                     |
| <b>Bright Scarlet</b> ....   | ¼ oz. 25c. .10      |
| <b>Finest Mixed</b> ....   | ¼ oz. 25c. .10      |
| <b>CYCLAMEN.</b> G.P. These are among the choicest of flowering greenhouse plants. Seed should be sown from August until January.  |                     |
| <b>Marshall's Giant Show.</b> The seeds we offer are grown by a specialist in Europe who we believe has the finest strain for exhibition plants.   |                     |



Didiscus Caerulea



Delphinium, Matchless Hybrids



Dianthus, Double Annual

## CYCLAMEN—(Continued.)

100

Seeds Pkt.

Bonfire .....	\$3.00	\$0.50
Bright Red .....	2.50	.50
Glory of Wandsbeck. Dark salmon...	2.75	.50
New Salmon Rose Improved.....	2.75	.50
Pure White .....	2.50	.50
Pure Rose .....	2.50	.50
Rokoko Fringed Mixed.....	3.00	.50
Rose of Zehlendorf. Light salmon...	3.00	.50
Saffron Red .....	3.00	.50
Salmon Scarlet. Christmas color....	3.00	.50
Soft Rose with Carmine Eye.....	2.50	.50
White with Carmine Eye.....	2.50	.50
Mixture of Above Varieties.....	2.75	.50

**DAHLIA**, H.H.P. This popular flower can be easily raised from seed, flowering the same season. Seed should be sown early in gentle heat. 4 to 6 ft.

**CALIFORNIA HYBRIDS**. See Page 61.

**Coltness Hybrids**. Single varieties in many colors, growing from 18 to 24 inches in height .....

.50

**Double, Large-Flowering**. Double mixed colors .....

.25

**Cactus**. New choice varieties. Mixed colors. .50

**Orchid Flowering Mixed**. Twisted petals.. .50

**Single, Large-flowering**. Mixed..... .25

**DAISY, Double**. (See *Bellis perennis*.)

**DAISY, Single**. (See *Chrysanthemums*.)

**DATURA** (Trumpet Flower). H.H.A. Robust garden annual, bearing large trumpet-shaped flowers. 4 ft.

**Double-flowering** (*Fastuosa* fl. pl.). Mixed. ¼ oz. 40c. .15

**Cornucopia** (Horn of Plenty). Flowers white and purple..... ¼ oz. 40c. .15

**DELPHINIUM** (Larkspur). H.P. Delphiniums are hardy and can be grown in any garden. They are handsome plants for the herbaceous border and shrubbery and are splendid for cut flower use.

**belladonna**. Light azure blue.... ¼ oz. \$1.00 .25

**belladonna, Fanny Stormonth**. Light azure blue .....

.50

**Blue Butterfly**. Graceful spikes of large azure-blue flowers..... ¼ oz. \$1.00 .25

**bellamosa**. An improved Formosum which is not subject to mildew. Dark blue in color .....

.25

**chinensis album**. Pure white. 18 in. ¼ oz. 50c. .15

**azureum**. Azure blue. 18 in. ¼ oz. 50c. .15

**Mixed** (*grandiflorum*). Shades of blue and pure white. 18 in. ¼ oz. 50c. .15

**Blackmore & Langdon's Hybrids**. A superior imported strain and contains a mixture of exceptionally choice flowers ranging in color from light blues through mauves and lavenders to deepest ultramarine. 5 ft..... .50

## DELPHINIUM—(Continued.)

Pkt.

**Marshall's Matchless Hybrids**. Choice show hybrids, saved from the best named varieties .....

¼ oz. \$1.00 \$0.25

**Wrexham or Hollyhock Hybrids**. Experts regard this strain as quite the finest in cultivation. It is conspicuous for its massive, broad-based spires of large individual flowers which are compactly arranged about the stems. The shades of blues and mauves are of exquisite clarity. Particularly effective in mass plantings with *lilium candidum*. 4-6 ft. ¼ oz. \$5.00 2.00

**DIANTHUS** (Chinese or Indian Pinks). H.H.A.

These, although biennials, bloom the first season, and should be treated as hardy annuals. They flower early in Summer and continue until frost. They are excellent for small beds or edgings, flowering profusely and in great variety of colors. 12 in.

## SINGLE ANNUAL PINKS.

**Heddewigi**. Large, attractive flowers of most brilliant colors. Finest Mixed.

¼ oz. 50c. .10

**laciniatus Single Mixed**. Fringed flowers of all colors..... ¼ oz. 50c. .10

## DOUBLE ANNUAL PINKS.

**chinensis fl. pl.** (Chinese Pink). Large, double flowers in unlimited variety of colors. Finest Mixed..... ¼ oz. 50c. .10

**diadematus fl. pl.** (Double Diadem Pink). Large, double flowers. Mixed..... ¼ oz. 50c. .10

**Heddewigi fl. pl.** (Japanese Pink). Large, double flowers of exquisite colors. Finest Mixed .....

¼ oz. 50c. .10

**Fireball**. Large double, brilliant red. ¼ oz. 75c. .10

**Pink Beauty** (Heddewigi). A beautiful double pale pink annual variety. ¼ oz. \$1.25 .25

**laciniatus Salmon Queen**. Very striking double flowers, rich salmon scarlet. ¼ oz. \$1.00 .15

**Snowball**. Extra large, double, pure white. ¼ oz. 75c. .10

**laciniatus, fl. pl.** Double-fringed flowers; beautifully striped. Mixed..... ¼ oz. 75c. .10

**Collection of Double Annual Pinks**. Six varieties .....

.50

**Sweet Wivelsfield**. A great variety of color and long season of blooming. 12 in. ¼ oz. \$1.00 .25

**HARDY PERENNIAL PINKS**.

**plumarius fl. pl.** Pheasants-eye. Pretty, fringed double flowers..... ¼ oz. 75c. .15

**plumarius semperflorens** (Perpetual Pink). Mixed, single and double..... ¼ oz. \$1.00 .25

**DICTAMNUS fraxinella**. H.P. Handsome spikes of reddish flowers and fragrant leaves. 3 ft..... ¼ oz. 50c. .15



Digitalis



Dimorphotheca Salmon Beauty



Gaillardia

- |  | Pkt.               |  | Pkt.               |
|--|--------------------|--|--------------------|
| <b>DIDISCUS caerulea</b> (Blue Lace Flower). H.A. An attractive annual, blooming from July until frost. Pale lavender flowers, valuable for cutting. 18 in. ....                                 | 1/8 oz. 50c \$0.15 | <b>ESCHSCHOLTZIA</b> or <b>CALIFORNIA POPPY</b> . H.A. Very attractive annuals for beds, edgings, masses; profuse flowering, fine cut, glaucous foliage; blooms from June to frost. 12 in. |                    |
| <b>DIGITALIS</b> or <b>FOXGLOVE</b> . H.P. Producing long spikes of tubular flowers. Used extensively with good effect for naturalizing in shrubberies and half-shady places. 3 ft.              |                    | <b>aurantiaca</b> . True California Poppy. Orange.   | 1/4 oz. 30c \$0.10 |
| <b>Marshall's Superb Purple</b> .....  | 1/4 oz. 50c. .15   | <b>californica alba</b> . White. ....  | 1/4 oz. 30c. .10   |
| <b>Marshall's Superb Rose</b> .....  | 1/4 oz. 50c. .15   | <b>Carmine King</b> . Beautiful deep red.  | 1/4 oz. 35c. .10   |
| <b>Marshall's Superb Yellow</b> .....  | 1/4 oz. 50c. .15   | <b>Chrome Queen</b> . A beautiful clear chrome yellow .....  | 1/2 oz. 75c. .15   |
| <b>Marshall's Superb White</b> .....   | 1/4 oz. 50c. .15   | <b>Crimson King</b> . Beautiful crimson scarlet.   | 1/4 oz. 30c. .10   |
| <b>Marshall's Superb Mixed</b> . All colors.   | 1/4 oz. 35c. .15   | <b>Dainty Queen</b> . Blush-pink on cream ground.  | 1/4 oz. 75c. .15   |
| <b>monstrosa</b> , Mixed. Very large flowers.  | 1/4 oz. 75c. .15   | <b>Golden West</b> . Large flowers of deep yellow shade .....  | 1/4 oz. 35c. .10   |
| <b>Giant Shirley Hybrids</b> . These hybrids are very large in size and vigor, growing from 5 to 6 ft. ....  | 1/2 oz. \$1.00 .25 | <b>Mandarin</b> . Large, scarlet, inside orange.   | 1/4 oz. 35c. .10   |
| <b>Isabellina</b> . A beautiful sulphur-yellow....   | 1/2 oz. .25        | <b>Rose Cardinal</b> . A distinct color. ....  | 1/4 oz. 35c. .10   |
| <b>DIMORPHOTHECA aurantiaca</b> . H.A. Daisy-like blossoms of a rich orange color; dark disc surrounded by black zone. 18 in. ....   | 1/4 oz. 75c. .15   | <b>The Geisha</b> . Petals prettily fluted. Color inside golden and outside intense orange-crimson. Very beautiful. ....   | 1/4 oz. 50c. .15   |
| <b>Salmon Beauty</b> . Large flowering. ....   | 1/4 oz. \$1.00 .25 | <b>Single Mixed</b> . All colors. ....   | 1/2 oz. 50c. .10   |
| <b>White Beauty</b> . Large flowering. ....  | 1/4 oz. \$1.00 .25 | <b>EUCALYPTUS globulus</b> (Blue Gum Tree). G.P. Used as greenhouse plant for decorations .....  | 1/2 oz. .15        |
| <b>aurantiaca hybrida</b> . Mixed hybrids.   | 1/4 oz. 50c. .15   | <b>EUPATORIUM Fraseri</b> . H.P. White, fine for cutting. 2 ft. ....   | 1/4 oz. \$1.00 .15 |
| <b>eklonis</b> . Large, star-shaped pure white flowers with a small, deep blue disc. 2 ft.   | 1/4 oz. 50c. .15   | <b>purpureum</b> . Purple blue. Aug. to Oct.   | 1/4 oz. \$1.50 .25 |
| <b>DOLICHOS</b> or <b>HYACINTH BEAN</b> . H.A.C. Annual climbers with clusters of Bean-like flowers. 10 ft.  |                    | <b>EUPHORBIA heterophylla</b> (Fire-on-the-mountain). H.A. Leaves large and glossy green, often tipped with orange-scarlet. 3 ft. ....   | 1/4 oz. 50c. .15   |
| <b>lablab</b> , Mixed. Purple and white. ....  | 1/2 oz. 40c. .10   | <b>variegata</b> (Snow-on-the-mountain). White and green bracts, excellent for bouquets. 2 ft. ....  | 1/4 oz. 35c. .10   |
| <b>DRACAENA indivisa</b> . G.P. For vases, pots, etc. Narrow green leaves. ....  | 1/4 oz. 35c. .25   | <b>FERNs</b> , Greenhouse Variety, Mixed. G.P. ....  | 1/2 oz. .25        |
| <b>ECHINOCYSTIS lobata</b> (Wild, or California Cucumber). H.A.C. The fastest growing annual vine in existence; grows 20 feet in six weeks. Pretty foliage and inconspicuous white flowers. .... | 1/2 oz. 50c. .10   | <b>FORGET-ME-NOT</b> . (See <b>MYOSOTIS</b> .)   |                    |
| <b>ECHINOPS ritro</b> (Blue Globe-thistle). H.P. Purple .....  | 1/4 oz. 35c. .15   | <b>FOXGLOVE</b> . (See <b>DIGITALIS</b> .)   |                    |
| <b>EDELWEISS</b> (Leontopodium). H.P. Silvery white everlasting flowers, fine for rock gardens. 6 in. ....   | 1/2 oz. 35c. .25   | <b>FOUR O'CLOCKS</b> . (See <b>MARVEL OF PERU</b> .)   |                    |
| <b>EREMURUS</b> (Gold Medal Hybrids). H.P. Stately plant with long spikes of flowers. 8 ft. ....   | 1/2 oz. .50        | <b>FRANCOA ramosa alba</b> . H.B. Elegant sprays of pure white flowers. 2 ft. ....   | 1/2 oz. .25        |
| <b>ERIGERON speciosus</b> (The Mid-summer Daisy). H.P. Pale mauve flowers with golden centers. Fine for cutting. 18 in. ....   | 1/2 oz. .15        | <b>FREESIA</b> , New Hybrids Mixed. G.P. Shades of pink, red, violet, yellow, etc. ....  | 1/2 oz. .25        |
| <b>ERYSIMUM arkansanum</b> . H.A. Bright yellow flowers resembling the Wallflower. 18 in. ....   | 1/2 oz. .15        | <b>GAILLARDIA</b> . H.A. Showy garden annuals; they flower uninterruptedly from early Summer until frost; the flowers are of large size and afford charming tints in their colors. 2 ft.   |                    |
| <b>linifolius</b> . (See <b>cheiranthus linifolius</b> .)  |                    | <b>amblyodon</b> . Blood red. ....   | 1/4 oz. 35c. .10   |
| <b>pulchellum</b> . H.P. Pale yellow flowers. Useful for rockwork. 9 in. ....  | 1/2 oz. .15        | <b>Indian Chief</b> . An improved single. Bronze red .....   | 1/4 oz. 75c. .15   |
| <b>ERYNGIUM amethystinum</b> (Sea Holly). H.P. Spiny foliage and small, amethyst-blue flowers in large panicles. 3 ft. ....  | 1/2 oz. \$1.00 .15 | <b>pieta Mixed</b> , Single. Annuals. ....   | 1/4 oz. 35c. .10   |
| <b>ERINUS alpinus</b> . H.P. Bright purple flowers, a choice rock plant. 6 in. ....  | 1/2 oz. .25        | <b>lorenziana</b> , Double Mixed. Annuals.   | 1/4 oz. 35c. .10   |
|  |                    | <b>Portola Hybrids</b> . H.P. Varied shades of red-tipped golden. Long stiff stems.  | 1/2 oz. \$1.00 .25 |
|  |                    | <b>Marshall's Matchless Hybrids</b> . H.P. A grand new improved strain; enormous flowers and very strong habit. ....   | 1/2 oz. \$1.00 .25 |



Gerbera Jamesoni



Geum, Lady Stratheden



Gypsophila elegans

- Pkt.
- GALEGA officinalis.** H.P. A hardy plant producing a number of blue, miniature, pea-like flowers in sprays throughout the Summer. 3 ft. .... ¼ oz. 35c. \$0.10
- officinalis alba.** White flowers. .... ¼ oz. 35c. .10
- GENTIANA acaulis.** Gentian blue alpine, most desirable. 4 in. .... .25
- GAURA lindheimeri.** H.P. Graceful spikes of rosy-white flowers. 3 ft. .... ¼ oz. 50c. .15
- GERANIUM.** G.P. Well-known plants for garden or pot culture.
- zonale.** Finest Mixed. .... .15
- GERBERA Jamesoni hybrida** (The Transvaal Daisy). H.H.P. Fine for cut flowers or bouquets. 18 in. .... 100 seeds, \$1.00 .25
- GEUM.** H.P. Showy, hardy perennial of easy culture and well adapted for the flower garden; fine for cutting. 2 ft.
- atrosanguineum, fl. pl.** Large, double crimson flowers. .... ¼ oz. 50c. .15
- Lady Stratheden.** Double yellow. ¼ oz. \$1.00 .25
- Mrs. Bradshaw.** Double orange-scarlet flowers; very large and full. .... ½ oz. 75c. .25
- Orange Queen.** A beautiful shade of orange .25
- GILIA capitata.** H.A. A very graceful annual with lavender-blue flowers. .... ¼ oz. 35c. .15
- GLOBE-AMARANTH (GOMPHRENA).** H.A. Clover-like heads of flowers; esteemed as everlasting. 12 in.
- globosa alba.** White. .... ¼ oz. 35c. .10
- globosa rubra.** Purple. .... ¼ oz. 35c. .10
- globosa.** Mixed colors. .... ¼ oz. 35c. .10
- GLOXINIA.** G.P. Charming pot plants, flowering in Summer in greenhouse or window.
- Marshall's Matchless.** Erect, giant-flowering, mixed. Saved from the very choicest erect flowering sorts. A grand variety of colors .... .50
- GODETIA.** H.A. Bushy annual, with showy large flowers. They grow quickly, bloom abundantly and are excellent for beds and borders. The double varieties are splendid for cutting. 18 in.
- Brilliant.** Glowing carmine. Single. .... ¼ oz. 35c. .10
- Double Rose.** A delicate rose-pink. .... ¼ oz. 50c. .10
- Duchess of Albany.** Single. Satiny-white. .... ¼ oz. 35c. .10
- Gloriosa.** Compact, brilliant blood-red. Single. .... ¼ oz. 35c. .10
- Rosy Morn.** A lovely coral-pink, very double flowers. .... ¼ oz. 75c. .10
- Finest Mixed Colors.** Single. .... ¼ oz. 60c. .10
- GOMPHRENA.** (See GLOBE-AMARANTH.)
- GOURDS.** H.A.C. Thrifty annual climbers, bearing "Ornamental Gourds." 10 ft.
- Apple-shaped.** Small fruit, striped yellow and dark green. .... oz. 40c. .10
- Pkt.
- GOURDS—(Continued.)**
- Bottle-shaped.** Fruit yellowish-white and dark green. .... oz. 40c. \$0.10
- Calabash, or African Pipe Gourd.** .... oz. 50c. .10
- Dipper-shaped** .... oz. 40c. .10
- Dishcloth** (Chinese Loofa, or Sponge Gourd). Large, elongate fruit; spongy inside. Flowers deep golden yellow. .... oz. 40c. .10
- Egg.** Fruit white, resembles eggs. .... oz. 40c. .10
- Hercules' Club.** Enormous fruit, often 4 ft. long, thicker at the base. .... oz. 50c. .10
- Mock Orange, or Orange-shaped.** .... oz. 50c. .10
- Pear-shaped.** Very pretty striped fruit. .... oz. 50c. .10
- Sugar Trough.** .... oz. 50c. .10
- Mixed Ornamental Varieties.** .... oz. 40c. .10
- Collection of Ten Varieties of Gourds.** .... .75
- GRASSES, ORNAMENTAL.** A most valuable class of plants for the lawn, shrub bed, border or tropical bed. The perennial varieties, many of which have variegated foliage, are excellent. The annual sorts are particularly pretty on account of the graceful, feathery flower panicles.
- Agrostis nebulosa.** H.A. Very graceful and pretty. 18 in. .... .10
- Briza maxima** (Quaking Grass). H.A. Very pretty. 18 in. .... .10
- Coix lachryma** (Jobs-tears). H.A. Foliage quite broad. Seeds prominent, very large and shiny. 3 ft. .... .10
- Erianthus ravennae.** H.P. Silvery plumes, resembling Pampas Grass. 8 ft. .... .10
- Eulalia zebrina.** H.P. White striped foliage, very ornamental. 4 ft. .... ¼ oz. 35c. .10
- Gynerium argenteum** (Pampas Grass). H.P. Beautiful silvery plumes. 10 ft. ¼ oz. 35c. .10
- Hordeum jubatum** (Squirrel-tail Grass). H.A. A pretty variety, with bushy panicles of flowers. 3 ft. .... .10
- Pennisetum longistylum.** H.A. Annual grass, gracefully drooping heads. 2 ft. .... ¼ oz. 35c. .10
- Pennisetum ruppelianum.** H.P. Hardy perennial grass, growing 3 ft. high with violet-tinted silvery plumes. The deep green foliage is long and slender. .... ¼ oz. 35c. .10
- GREVILLEA robusta** (Silk Oak). G.P. Graceful foliage plant. 4 ft. .... ¼ oz. 50c. .10
- GYPHOPHILA** (Baby's Breath). H.A. Extremely useful for bouquets. Flowers small and come in delicate sprays and panicles.
- elegans alba grandiflora.** An improved large flowering, pure white form of the annual Baby's Breath. .... oz. 50c. ¼ lb. \$1.50 .10
- elegans carminea.** Carmine rose. .... oz. 60c. .10
- rosea grandiflora.** Delicate rose. .... oz. 60c. .10
- muralis.** Bright rose. .... ¼ oz. 35c. .10



Helichrysum



Heuchera sanguinea



Incarvillea Delavayi

**GYPSOPHILIA—(Continued.)**

- paniculata.** H.P. One of the finest for cutting. Pure white flowers, very small and borne in large panicles. 2 ft. . . . . ¼ oz. 50c. \$0.10
- paniculata flore pleno.** H.P. A double-flowering variety, pure white. 2 ft. . . . . .25

- HELENIUM.** HP. Striking hardy plants, very useful for decorating.
- Autumnale superbum.** Golden yellow. . . . .15
- Riverton Gem.** Yellow, changing to red. Long stems. 5 ft. . . . . ¼ oz. \$1.50 .15

**HELIANTHUS.** (See **SUNFLOWER.**)

- HELIOTROPE.** G.P. Well-known fragrant flowering plants for pots or gardens.
- Marshall's Blue Perfection.** Dark blue. ¼ oz. 25c. .10
- Anna Turell.** Light blue. . . . . ¼ oz. \$2.00 .15
- White Lady.** A popular white variety. . . . . ¼ oz. \$1.00 .15
- Finest Mixed.** . . . . . ¼ oz. 40c. .15
- Lemoine's Giant Hybrids, Mixed.** ¼ oz. \$1.50 .15
- HEUCHERA sanguinea splendens.** H.P. Long spikes of fiery-red flowers. 18 in. . . . .25
- sanguinea hybrida.** H.P. Fine for borders. 18 in. Mixed colors. . . . .25

- HIBISCUS.** Showy plants of vigorous growth.
- Africanus.** H.A. Yellow with black center. 18 in. . . . . ¼ oz. 25c. .10
- Marshall's Rainbow grandiflorus hybrids.** H.P. New giant-flowering Marshmallows. Very large flowers in various colors. 5 ft. ¼ oz. 50c. .15
- moschentos** (Swamp Rose Mallow). H.P. Flowers of a light rosy-red, with dark center. 4 ft. . . . . ¼ oz. 50c. .15

- HOLLYHOCKS.** H.P. One of the showiest of hardy garden plants. No garden is complete without these stately flowers. Hollyhocks are troubled of late with a rust, which can be prevented if plants are sprayed frequently in early Spring with Bordeaux mixture. 6 ft.
- Marshall's Giant.**
- Double Apple Blossom.** . . . . . ¼ oz. 50c. .15
- Newport Pink.** . . . . . ¼ oz. 50c. .15
- Pink Queen.** A pretty salmon pink. ¼ oz. \$1.00 .15
- Double Scarlet** . . . . . ¼ oz. 50c. .15
- Double Rose** . . . . . ¼ oz. 50c. .15
- Double Sulphur Yellow.** . . . . . ¼ oz. 50c. .15
- Double White** . . . . . ¼ oz. 50c. .15

**HOLLYHOCKS—(Continued.)**

- Double Violet Purple.** . . . . . ¼ oz. 50c. \$0.15
- Double Fine Mixed.** . . . . . ¼ oz. 50c. .15
- Chater's Extra Choice, Double Mixed Colors** . . . . . ¼ oz. 75c. .15
- Hybrid Everblooming, Double, Mixed.** Flowers the first season from seed. Very fine colors. . . . . ¼ oz. 50c. .15
- Collection of Double Hollyhocks, 6 colors.** .75
- Marshall's Giant Single Mixed.** . . . . ¼ oz. 50c. .15
- Hybrid Everblooming, Single Mixed.** ¼ oz. 40c. .15

**HONESTY.** (See **LUNARIA biennis.**)

- HUMULUS japonicus** (Japanese Hop). H.A.C. A climber with dense green foliage; 20 ft. ¼ oz. 35c. .10
- japonicus fol. variegatus.** Variegated foliage. . . . . ¼ oz. 35c. .10

- HUNNEMANNIA fumariaefolia** (Giant Yellow Tulip Poppy). H.A. Flowers are tulip-shaped, pure golden yellow. When cut and put in water they will last a full week. 2 ft. . . . . ¼ oz. 30c. .10

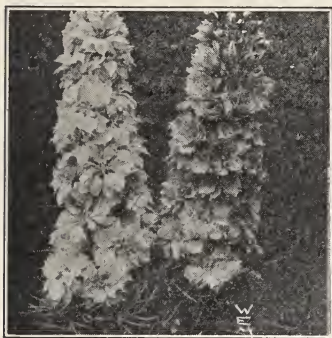
**HYACINTH-BEAN.** (See **DOLICHOS.**)**IBERIS.** (See **CANDYTUFT.**)**ICE PLANT.** (See **MESEMBRYANTHEMUM CRYSTALLINUM.**)

- IMPATIENS** (Sultan's or Zanzibar Balsam). G.P. Charming plants for decoration of the greenhouse or table, producing waxy looking flowers profusely and continuously. 2 ft.
- sultani.** Flowers of brilliant rosy-scarlet color. . . . . .25
- holsti Hybrids.** Form strong, bushy plants covered with attractive flowers. As pot plants they bloom the year round. Choicest mixed colors. . . . .25

- INCARVILLEA Delavayi.** H.P. The flowers are borne on long, stout stems, tubeshaped. Color bright rose. 2 ft. ¼ oz. 75c. .25

- IONOPSIDIUM acule.** H.H.P. Pale mauve flowers adapted for rockeries and carpet bedding; very dwarf habit. 4 in. . . . .15

- IPOMOEA (Morning-glory).** (See also **CONVOLVULUS.**) H.A.C. Climbers of rapid growth, with beautiful and varied flowers; for covering walls, trellises, arbors or stumps of trees they are invaluable. 20 ft.
- cardinalis** (Cardinal Climber). A rapid growing annual, with deep cardinal red flowers and laciniated foliage. ¼ oz. 50c. .10
- grandiflora alba** (Moonflower). Large, heart-shaped leaves and large, pure white flowers, which open only late in the evening. . . . . ¼ oz. 35c. .10
- rubro-caerulea** (Heavenly Blue). Beautiful, sky-blue flowers. . . . . ¼ oz. 35c. .10
- setosa** (Brazilian Morning-glory). Large, ornamental foliage, with bright rose flowers. . . . . ¼ oz. 30c. .10
- Imperial Japanese, Mixed.** A great improvement over the old-fashioned sorts. ¼ oz. 50c. .10



Larkspur, "La France"



Lathyrus



Lupinus polyphyllus

Pkt.

Pkt.

**KENILWORTH IVY.** H.H.P. Neat trailer for rock garden. Small snap-dragon like flowers. Attractive foliage. 6 in. .... \$0.15

**KOCHIA trichophylla** (Belvedere; Summer Cypress, or Mexican Firebush). H.A. Grows in a perfectly pyramidal shaped cypress bush, with small, feathery, light-green foliage. Becomes a lovely crimson hue about September. 2½ ft. .... ¼ oz. 35c. .10

**KUDZU VINE** (Pueraria Thunbergiana). H.P. A splendid climber for covering permanent verandas, dead trees, etc. Large green foliage and pea-shaped blossoms. ¼ oz. 50c. .15

**LANTANA.** G.P. One of the most desirable greenhouse or bedding plants; constantly in bloom. 2 ft. Newest hybrids, mixed. ¼ oz. 50c. .15

**LATHYRUS latifolius, Perennial Sweet Pea.** H.P. Hardy climbers. Fine for cutting. 6 ft. .... ¼ oz. 50c. .15

**latifolius.** Purplish-red. .... ¼ oz. 50c. .15

**White Pearl.** A large flowering, robust growing variety of the above. ¼ oz. \$1.00 .15

**Pink Beauty.** Rosy pink. .... ¼ oz. 50c. .15

**Finest Mixed.** All colors. .... ¼ oz. 30c. .15

**LARKSPUR.** H.A. Elegant and ornamental plants, producing in great variety of form some of the most beautiful flowers in cultivation.

**Marshall's Invincible Branching.** Double flowers; excellent for cutting. Offered in the following choice of colors. 2 ft. .... ¼ oz. 50c. .15

**Azure Blue** .... ¼ oz. 50c. .15

**Dark Blue** .... ¼ oz. 50c. .15

**Carmin** .... ¼ oz. 50c. .15

**Flesh Color** .... ¼ oz. 50c. .15

**Rose** .... ¼ oz. 50c. .15

**White** .... ¼ oz. 50c. .15

**Finest Mixed** .... ¼ oz. 40c. .15

**Collection Invincible, Branching, 6 Var.** .... ¼ oz. \$1.00 .25

**Blue Spire.** Oxford blue. .... ¼ oz. \$1.00 .25

**Carmin King.** Deep carmin rose. ¼ oz. \$1.00 .25

**Exquisite Pink, Improved.** Soft rose pink. ¼ oz. \$1.00 .25

**La France.** Lovely salmon pink. ¼ oz. \$1.00 .25

**White Spire.** Pure white. .... ¼ oz. \$1.00 .25

**Tall Rocket.** Mixed. Long showy spikes. ¼ oz. 25c. .10

**LAVATERA splendens rosea** (Pink Mallow). H.A. Bushy plants, produce large, open, pink, mallow-like flowers in great profusion. 3 ft. .... ¼ oz. 50c. .15

**splendens alba.** Large, glossy white flowers. .... ¼ oz. 50c. .15

**Finest Mixed Colors.** .... ¼ oz. 50c. .15

**LEMON VERBENA.** (See VERBENA.)

**LEPTOSYNE maritima.** H.A. Large lemon-yellow Marguerite-like flowers on tall stalks. 3 ft. .... ¼ oz. 75c. .15

**LILY Seeds.** See Page 68.

**LINARIA cymbalaria.** (See KENILWORTH IVY.)

**LINARIA.** H.A. Very showy annual resembling Snapdragon. Used extensively as a Winter cut flower in greenhouses. 1 ft.

**Choice Mixed Varieties.** .... \$0.25

**LINUM.** H.A. Free flowering plant for borders.

**grandiflora rubrum.** Single scarlet flowers. 12 in. .... ¼ oz. 25c. .10

**perenne.** H.P. A lovely plant with blue flowers. 18 in. .... ¼ oz. 35c. .10

**LOBELIA.** H.H.A. Bushy plants, with pendant branches; very profuse flowering. Fine for baskets or edging borders. 6 in.

**Marshall's Compact.** The finest dark blue Lobelia; the plants are compact, covered with a profusion of bloom. .... ¼ oz. \$1.00 .25

**erinus compacta, Crystal Palace.** Dark blue .... ¼ oz. \$1.00 .15

**Emperor.** Light blue. .... ¼ oz. \$1.00 .15

**erinus speciosa.** Bright blue flowers. ¼ oz. 50c. .15

**gracilis.** Blue flowers; trailing. ¼ oz. 50c. .15

**Mixed Colors.** White, blue, rose, etc. ¼ oz. 50c. .15

**tenuiflor** (Ramosa). Upright habit with large blue flowers; adapted for pots or borders. .... ¼ oz. 50c. .15

**Perennial Varieties:**

**cardinalis** (Cardinal Flower). A native variety, with spikes of scarlet flowers; fine border plant. 3 ft. .... ¼ oz. 50c. .15

**cardinalis Hybrids.** Splendid hybrids, mixed. .... ¼ oz. 50c. .15

**LOPHOSPERMUM scandens.** H.H.C. Dark rose. A rapid growing climber. .... ¼ oz. 50c. .15

**LOVE-LIES-BLEEDING.** (See AMARANTHUS.)

**LOVE-IN-A-MIST.** (See NIGELLA.)

**LUNARIS hiemalis** (Honesty). H.B. Attractive flowers followed by decorative seed pods which, when dried may be used for winter decoration. 2 ft. .... ¼ oz. 50c. .15

**LUPINUS.** Free flowering plants, with long spikes of flowers. The Annual and Perennial varieties are among the most useful of our garden flowers, either for mixed borders or house decorations. 2 ft.

**Hartweg's Blue.** A delicate shade. .... ¼ oz. 30c. .10

**White.** Splendid for cutting. .... ¼ oz. 30c. .10

**roseus.** Rose. .... ¼ oz. 30c. .10

**Tall Mixed, Annual Varieties.** .... ¼ oz. 50c. .10

**Perennial Varieties:**

**polyphyllus albus.** White. .... ¼ oz. 35c. .15

**caerulea.** Blue. .... ¼ oz. 35c. .15

**Golden Spire.** Golden yellow. .... ¼ oz. 50c. .25

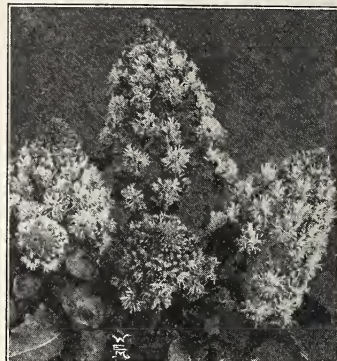
**roseus.** Rose. .... ¼ oz. 50c. .15



Marigold (Double African)



Myosotis, 'Blue Bird'



Mignonette, Defiance

## LUPINUS—(Continued.)

	Pkt.
<b>Snow Queen.</b> (Tree Lupine.) A grand variety; pure white.....	$\frac{1}{4}$ oz. 75c. \$0.15
<b>Mixed Perennial Varieties.</b> .....	$\frac{1}{4}$ oz. 25c. .15
<b>Marshall's Matchless Mixed.</b> Comprising a wonderful range of colors among perennial Lupins.....	$\frac{1}{4}$ oz. \$1.00 .50
<b>LYCHNIS Chalcedonica.</b> H.P. The old favorite Scarlet Lychnis. 18 in.....	$\frac{1}{8}$ oz. 75c. .15
<b>Arkwrighti.</b> Large brilliant flowers, color from orange-scarlet to soft salmon-pink. ....	$\frac{1}{4}$ oz. 50c. .15
<b>Haageana Hybrids, Mixed Colors.</b> Bushy little plants. 12 in.....	$\frac{1}{8}$ oz. 75c. .15
<b>viscaria splendens.</b> Brilliant scarlet. ....	$\frac{1}{4}$ oz. 75c. .10
<b>MALOPE grandiflora.</b> H.A. Very showy border annual; large flowers. 2 ft	
<b>Mixed Colors.</b> .....	$\frac{1}{4}$ oz. 25c. .10
<b>MARIGOLD.</b> H.A. Widely grown hardy annuals, invaluable for bedding and producing an elegant display of yellow, orange and brown flowers from early Summer till frost.	
<b>African Varieties.</b> Showy flowers. 3 ft.	
<b>Marshall's Lemon Queen.</b> A charming shade .....	$\frac{1}{4}$ oz. 60c. .15
<b>Marshall's Prince of Orange.</b> Beautiful orange color .....	$\frac{1}{4}$ oz. 60c. .15
<b>Mixed Double.</b> .....	$\frac{1}{4}$ oz. 50c. .10
<b>African Dwarf Double Mixed.</b> .....	$\frac{1}{4}$ oz. 50c. .15
<b>Collection Double African.</b> Six colors separate .....	.50
<b>French Varieties.</b> Small flowers. 12 in.	
<b>Dwarf Gold Striped.</b> Rich and quaintly striped double flowers.....	$\frac{1}{4}$ oz. 50c. .10
<b>Josephine.</b> Single, dark brown flowers with edging of old-gold. 2 ft.....	$\frac{1}{4}$ oz. 50c. .10
<b>Legion of Honor.</b> Single yellow blooms, marked with red.....	$\frac{1}{4}$ oz. 50c. .10
<b>Dwarf Mixed, Double.</b> .....	$\frac{1}{4}$ oz. 35c. .10
<b>Collection, Double French Dwarf.</b> Six colors separate.....	.50
<b>Giant or Tree Marigold.</b> Resembles the French Marigold, growing 4 to 5 ft. high. No unpleasant odor.....	.25
<b>MARVEL OF PERU</b> (Four-o'Clocks). H.A. A well-known, handsome, free flowering garden favorite; does well everywhere. 2 ft. Mixed.....	.oz. 50c. .10
<b>MATTHIOLA bicornis</b> (Evening Scented Stock). H.H.A. Very sweet-scented lilac flowers. 12 in.....	$\frac{1}{4}$ oz. 35c. .10
<b>MATRICARIA</b> (Feverfew). H.H.P. Low growing plants; for beds and edgings. 12 in.	
<b>capensis plena.</b> Dwarf double white. ....	$\frac{1}{4}$ oz. 50c. .10
<b>Golden Ball.</b> Very striking double golden-yellow flowers.....	$\frac{1}{8}$ oz. \$1.00 .25
<b>Silver Ball.</b> Dainty double white, spherical flowers .....	$\frac{1}{8}$ oz. \$1.00 .25

	Pkt.
<b>MAURANDIA, Mixed Colors, H.H.P. Tender climber</b> .....	\$0.15
<b>MECONOPSIS Baileyi.</b> A beautiful new perennial originally found in Thibet in 1913. It bears an irregular cyme of nodding flowers of a glorious shade of sky blue, a ring of golden anthers adds to the beauty of the bloom.....	1.00
<b>Integrifolia.</b> The flowers resemble the Oriental Poppy, but of a beautiful soft clear shade of primrose-yellow.....	.50
<b>MESEMBRYANTHEMUM crystallinum</b> (Ice Plant). H.H.A. A dwarf trailing annual plant; flowers white. 6 in.....	$\frac{1}{4}$ oz. 35c. .10
<b>MIGNONETTE, Large Flowering.</b> H.A. The popular fragrant garden annual. The seed can be sown at any time, and if successive sowings are made, its fragrant, modest colored flowers may be gathered outdoors until November. 12 in.	
<b>Allen's Defiance.</b> Full, round spikes of great length.....	$\frac{1}{4}$ oz. 35c. 1 oz. \$1.25 .10
<b>Bismarck.</b> Improved Dwarf. Machet variety. ....	$\frac{1}{4}$ oz. 35c. .10
<b>Crimson Giant.</b> Deep red flowers.....	$\frac{1}{4}$ oz. 35c. .10
<b>Goliath.</b> Red; enormous spikes.....	$\frac{1}{4}$ oz. 50c. .10
<b>Golden Queen.</b> Compact yellow flowers. ....	$\frac{1}{4}$ oz. 35c. .10
<b>Machet, Dwarf.</b> Strong plants of pyramidal growth; long, broad spikes of deliciously scented red flowers. 9 in.....	$\frac{1}{4}$ oz. 35c. .10
<b>Majesty.</b> Selected strain for pots or benches .....	$\frac{1}{8}$ oz. \$1.00 .50
<b>New York Market.</b> The finest of all the fancy varieties of Mignonette for Winter forcing. ....	$\frac{1}{8}$ oz. \$1.00 .50
<b>Sweet-scented</b> (Reseda odorata grandiflora). The large flowering garden variety. ....	.oz. 50c. .10
<b>MIMOSA pudica</b> (Sensitive Plant). H.H.A. An interesting plant with rosy-lilac flowers. The leaves close when touched. 12 in. ....	$\frac{1}{4}$ oz. 50c. .10
<b>MIMULUS.</b> Showy, half-hardy annuals, with handsome flowers; excellent for pots or garden. 6 in.	
<b>tigrinus, Spotted, Mixed.</b> .....	.15
<b>moschatas</b> (Muskplant). Fragrant; for pots .....	$\frac{1}{8}$ oz. \$1.00 .15
<b>MINA lobata.</b> H.A.C. Rapid climber, crimson and orange flowers. 10 ft.....	.10
<b>MIRABILIS.</b> (See MARVEL OF PERU.)	
<b>MOMORDICA.</b> H.A.C. Trailing plants, with curious foliage and fruit.	
<b>balsamina</b> (Balsam-apple). Orange fruit. ....	.oz. 75c. .10
<b>charantia</b> (Balsam-pear). Copper-colored scarlet fruit.....	.oz. 75c. .10
<b>MOONFLOWERS.</b> (See IPOMOEA grandiflora).	
<b>MORNING-GLORIES.</b> (See IPOMOEA and CONVULVULUS.)	
<b>MUSK.</b> (See MIMULUS.)	



Nicotiana



Nigella, Miss Jekyll



Nemesis strumosa

	Pkt.		Pkt.
<b>MYOSOTIS, or FORGET-ME-NOTS. H.H.P.</b>			
Fine for edging or in beds. Seed may be sown any time from Spring until Midsummer. 9 in.			
<b>alpestris, Blue</b> .....	¼ oz. 50c.	\$0.15	
<b>alpestris, Pink</b> .....	¼ oz. 50c.	.15	
<b>alpestris, Mixed Colors.</b> White, blue, pink, etc. ....	¼ oz. 50c.	.15	
<b>dissitiflora.</b> Blooms very early; flowers blue. ....	½ oz. \$1.00	.25	
<b>palustris semperflorens.</b> The true water Forget-me-not. Blooms from early Spring until Autumn. Dark blue.....	¼ oz. \$1.00	.25	
<b>Marshall's Blue Bird.</b> A very fine dark blue variety with long stems for Winter blooming. ....		.75	
<b>Marshall's Royal Blue.</b> Early and free flowering; color deep indigo blue. Fine for borders or cutting.....	½ oz. \$1.00	.25	
<b>robusta grandiflora, Eliza Fonrobert.</b> Strong growing variety.....	¼ oz. 75c.	.15	
<b>Ruth Fischer.</b> Compact growth; blue flowers		.50	
<b>Victoria.</b> The plants are of dwarf, compact growth, with a multitude of bright blue flowers in dense umbels.....	¼ oz. \$1.00	.15	
<b>NASTURTIUM (Tropaeolum nanum). H.A.</b>			
<b>Tom Thumb, or Dwarf Varieties.</b> These have a compact habit and attractive foliage; bloom in two months from sowing, and most profusely the whole season. 12 in.			
<b>Aurora.</b> Yellow-veined.....	oz. 25c.	.10	
<b>Beauty.</b> Yellow and scarlet.....	oz. 25c.	.10	
<b>Cloth of Gold.</b> Scarlet, yellow foliage.....	oz. 25c.	.10	
<b>Empress of India.</b> Crimson, dark foliage. ....	oz. 25c.	.10	
<b>King Theodore.</b> Garnet, dark foliage.....	oz. 25c.	.10	
<b>King of Tom Thumbs.</b> Scarlet.....	oz. 25c.	.10	
<b>luteum.</b> Bright yellow; no blotches.....	oz. 25c.	.10	
<b>Pearl.</b> Creamy white.....	oz. 25c.	.10	
<b>Rose Color.</b> .....	oz. 25c.	.10	
<b>Marshall's Dwarf Rainbow Mixture.</b> These contain all the leading named sorts, mixed.....	oz. 20c., ¼ lb. 60c., lb. \$2.00	.10	
<b>Collection of 12 Varieties</b> .....		.60	
<b>NASTURTIUM (Tropaeolum majus). H.A.C.</b>			
<b>Tall, or Climbing Varieties.</b> Adapted for rockwork, banks, covering trellises or rustic work; the seeds, if picked young, are an excellent substitute for capers. 6 ft.			
<b>Chameleon.</b> Various colors on one plant. ....	oz. 25c.	.10	
<b>Dark Crimson</b> .....	oz. 25c.	.10	
<b>King Theodore.</b> Crimson; dark foliage. ....	oz. 25c.	.10	
<b>Pearl.</b> Creamy white.....	oz. 25c.	.10	
<b>Rose Von Moltke</b> .....	oz. 25c.	.10	
<b>Scarlet</b> .....	oz. 25c.	.10	
<b>Yellow</b> .....	oz. 25c.	.10	
<b>Vesuvius.</b> Salmon-rose.....	oz. 25c.	.10	
<b>NASTURTIUM, TALL—(Continued.)</b>			
<b>Marshall's Tall Rainbow Mixture.</b> From the best varieties. oz. 20c., ¼ lb. 60c., lb. \$2.00			
<b>Collection of Twelve Varieties</b> .....		.60	
<b>LOBB'S NASTURTIUMS (Tropaeolum lobbianum). H.A.C.</b> Very free blooming. The most brilliant colors, climbing about 6 ft. Excellent for window boxes, vases and hanging baskets.			
<b>Lobb's Finest Mixture</b> .....	oz. 25c.	.10	
<b>Madame Gunther Hybrids.</b> A French strain; noted for wide range of fine colors.....	oz. 25c.	.10	
<b>NEMESIA. H.A.</b> Splendid for bedding or forcing in greenhouse.			
<b>strumosagrandiflora Suttoni.</b> Orange. Bushy plants; flowers of unique form. 12 in. ....	½ oz. \$1.00	.25	
<b>Strumosa grandiflora Suttoni.</b> Mixed colors. ....	½ oz. \$1.00	.25	
<b>compacta Blue Gem.</b> Large flowers of a pretty Forget-me-not blue; a fine pot plant.....	½ oz. \$1.00	.25	
<b>compacta Triumph.</b> New dwarf, compact. 6 in. Finest mixture.....	½ oz. \$1.00	.25	
<b>NEMOPHILA. H.A.</b> Splendid, free flowering annual, with cup-shaped flowers of many bright colors. 12 in.			
<b>Mixed Colors</b> .....	¼ oz. 25c.	.10	
<b>NICOTIANA affinis. H.A.</b> Fragrant, star-shaped white flowers. 3 ft. ....			
<b>affinis Hybrids.</b> Large scented flowers, mixed shades.....	¼ oz. 50c.	.10	
<b>Dwarf White.</b> Adapted for pot work or borders, the sweet-scented flowers remain open all day. 18 in.....		.25	
<b>Sanderae, Crimson King.</b> Dark crimson red.....	¼ oz. 75c.	.25	
<b>Sanderae Hybrids.</b> All colors. 4 ft. ....	¼ oz. 35c.	.10	
<b>NIEREMBERGIA frutescens. H.H.P.</b> For hanging baskets or borders; large, cup-shaped lilac flowers.....			
<b>¼ oz. 50c.</b>		.10	
<b>NIGELLA (Love-in-a-mist). H.A.</b> Beautiful border plants. 18 in.			
<b>Miss Jekyll.</b> A lovely variety with cornflower-blue blossoms; splendid for cutting. ....	¼ oz. 35c.	.10	
<b>Miss Jekyll, White.</b> Valuable for borders and cutting.....	¼ oz. 35c.	.10	
<b>Damascena. Finest Mixed.</b> Blue, white and purple.....	¼ oz. 30c.	.10	



Pansy, Giant

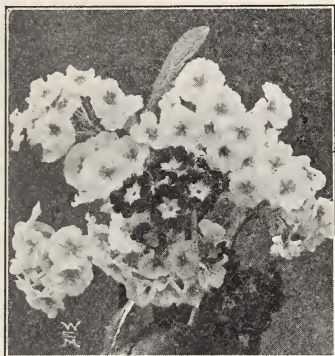


Phlox Drummondii



Petunia, fringed

- |  | Pkt.   |   | Pkt. |
|--|--------|---|------|
| <b>OENOTHERA</b> (Evening Primrose). H. A. Useful for exposed sunny position, blooming the entire Summer.  |        | <b>PASSIFLORA caerulea</b> (Passionflower). H.H.C. Fast growing and free flowering, ornamental perennial climbers, with large, showy blue flowers, suitable for conservatory or outside in Summer.      |      |
| <b>Afterglow</b> . Yellow with brilliant red calyx flowers. 3 ft. ....   | \$0.15 | <b>gentianoides, Fine Mixed Colors</b> ... ¼ oz. 75c.   | .15  |
| <b>Fraseri</b> . H.P. Produces an abundance of yellow flowers. 12 in. ....   | .15    | <b>gloxinioides "Sensation."</b> A grand variety of colors. Will bloom from seed in June if sown early in March. .... ½ oz. \$1.50  | .15  |
| <b>Finest Mixed</b> . 1 ft. .... ¼ oz. 25c.  | .15    | <b>Marshall's Matchless Hybrids</b> . A superb mixture of perennial sorts. .... ½ oz. \$1.00  | .25  |
| <b>PANSY</b> . H.H.P. The most popular flower grown. They thrive best in a cool, moist, but well-drained soil. Sow the seeds in April and May for Summer flowering and August for early flowers the following Spring. Our mixtures contain a large variety of colors.              |        | <b>PERILLA Nankinensis</b> . H.A. Ornamental-leaved plants. 18 in. .... ¼ oz. 25c.  | .10  |
| <b>Marshall's Special Mixture</b> . Saved from only the largest and best shaped flowers of the richest colors. Fine for greenhouse flowering. .... ½ oz. \$3.00  | 1.00   | <b>PETUNIA</b> . H.A. One of our easiest cultivated and freest flowering annuals. Will succeed almost anywhere and give a continuity of the most brilliant bloom from June till killed by frost. 18 in. |      |
| <b>Marshall's Greenhouse Mixture</b> . A selection of varieties adapted for growing under glass. .... ½ oz. \$1.25   | .50    | <b>Giant Flowered Giant Double</b> . This strain is carefully pollinized and will produce a good percentage of beautiful double flowers.  |      |
| <b>Marshall's Matchless Mixture</b> . This matchless strain consists entirely of the newest, best shaped and most handsome flowers, including an immense variety of brilliant colors. The seeds we offer are carefully saved from the largest, selected flowers. .... ½ oz. \$2.00 | .50    | <b>Giant Fringed Double Pink</b> .....  | .50  |
| <b>Marshall's Superb Blotched Mixed</b> . Immense flowers, five blotched, full round form comprising the most magnificent colors. .... ½ oz. \$1.50  | .25    | <b>Giant Fringed Double Violet</b> .....  | .50  |
| <b>Masterpiece</b> . A beautiful strain of blotched and curled varieties. .... ½ oz. 75c.  | .25    | <b>Giant Fringed Double White</b> .....   | .50  |
| <b>Giant Trimardeau, Mixed</b> . Large flowers in a good variety of colors. .... ¼ oz. \$1.00  | .10    | <b>Giant Fringed Double Finest Mixed</b> .....  | .50  |
| <b>GIANT PANSIES, In Varieties.</b>  |        | <b>Single Varieties:</b>  |      |
| <b>Giant Adonis</b> . A beautiful light blue. .... ½ oz. 75c.  | .15    | <b>Marshall's Superb Large-flowered Mixed</b> (California Giants). Magnificent flowers with throats beautifully veined. ....  | .25  |
| <b>Giant Cardinal</b> . A very brilliant red. .... ½ oz. 75c.  | .15    | <b>Giant Flowering Fringed Single</b> . A new giant type with immense ruffled flowers suitable for bedding. Seeds of this type obtained by artificial pollinization to insure the best possible strain. |      |
| <b>Giant Emperor</b> . Ultramarine blue. .... ½ oz. 75c.   | .15    | <b>Giant Fringed Single Blue</b> .....  | .35  |
| <b>Giant Fire King</b> . Crimson-purple and golden yellow. .... ½ oz. 75c.   | .15    | <b>Giant Fringed Single Crimson</b> .....   | .35  |
| <b>Giant Golden Queen</b> . Beautiful pure yellow. .... ½ oz. 75c.   | .15    | <b>Giant Fringed Single Rose</b> .....  | .35  |
| <b>Giant Golden Yellow</b> , with dark eye. .... ½ oz. 75c.  | .15    | <b>Giant Fringed Single White</b> .....   | .35  |
| <b>Giant King of the Blacks</b> . .... ½ oz. 75c.  | .15    | <b>Giant Fringed Single Finest Mixed</b> .....  | .25  |
| <b>Giant Lord Beaconsfield</b> . Violet, shaded white. .... ½ oz. 75c.   | .15    | <b>Large-flowered, Finest Mixed</b> . Fine large flowers in superb mixture. .... ½ oz. \$1.00   | .15  |
| <b>Giant Orange King</b> . Vivid orange. .... ½ oz. \$1.00   | .15    | <b>Fine Mixed</b> . An assortment of medium-sized flowers; fine for bedding. .... ¼ oz. 50c.  | .10  |
| <b>Giant Prince Bismarck</b> . Light brown shade with black eye. .... ½ oz. 75c.   | .15    | <b>Dwarf California Giants</b> . A dwarf sturdy growing type suitable for pots or bedding. Flowers beautifully ruffled and fringed. A mixture of most desirable colors. ....                            | .50  |
| <b>Giant Snow Queen</b> . Pure white. .... ½ oz. 75c.  | .15    | <b>maculata, Striped and Blotched</b> (Inimitable). Flowers quite large and handsomely striped and spotted. 12 in. .... ¼ oz. 50c.  | .10  |
| <b>Giant Striped</b> . Variety of markings. .... ½ oz. 75c.  | .15    | <b>Adonis</b> . Very showy, fiery carmine, white throat, free blooming and compact growth. .... ½ oz. \$1.00  | .15  |
| <b>Giant Victoria</b> . Wine-red shades. .... ½ oz. 75c.   | .15    | <b>Balcony Blue</b> . Adapted for vases and window boxes. .... ½ oz. \$1.50   | .25  |
| <b>Giant White</b> , with black eye. .... ½ oz. 75c.   | .15    | <b>Balcony Rose</b> . .... ¼ oz. \$1.50   | .25  |
| <b>Collection of Six Varieties, Giant Named</b> .....  | .75    |   |      |
| <b>Collection of Twelve Varieties, Giant Named</b> .....   | 1.50   |   |      |
| <b>PAPAYER</b> . (See <b>POPPIES</b> .)  |        |   |      |



Polyanthus



Poppy, Double Annual



Portulaca

**PETUNIA—(Continued.)**

	Pkt.
Balcony Red.....	1/8 oz. \$1.50 \$0.25
Balcony White.....	1/8 oz. \$1.50 .25
Balcony Finest Mixed.....	1/8 oz. \$1.00 .25
General Dodds. Fine dark red.....	1/4 oz. \$1.00 .15
Marshall's Purple Bedder. A beautiful purple bedding variety.....	1/8 oz. \$1.00 .25
Marshall's Violet Queen. A grand Petunia for bedding, growing about 18 in. high and very free flowering.....	.75
Norma. Blue with white star, compact habit, very showy.....	1/8 oz. \$1.00 .25
Rosy Morn. Soft carmine pink.....	1/8 oz. \$1.00 .15
Rose of Heaven. Rose pink.....	1/8 oz. 75c. .15
Snowball. Dwarf pure white; a fine bedding variety.....	1/8 oz. 50c. .15
Snowstorm. Pure white; large flowering.....	.25

**PHACELIA campanularia.** H.A. Showy, with bright blue, bell-shaped flowers. 9 in. 1/4 oz. 50c. .10

**PHLOX drummondii grandiflora.** H.A. Improved, large-flowering strain of this famous garden annual. Prefers a light, rich loam in sun or semi-shade. Seed may be sown in the open ground any time after danger from frost is past. 12 in.

Blood-Purple .....	1/4 oz. 75c. .15
Brilliant Rose .....	1/4 oz. 75c. .15
Chamois Rose .....	1/4 oz. 75c. .15
Crimson .....	1/4 oz. 75c. .15
Isabellina. Yellow or primrose.....	1/4 oz. 75c. .15
Vivid Scarlet .....	1/4 oz. 75c. .15
White .....	1/4 oz. 75c. .15
stellata splendens. Starlike crimson.....	1/4 oz. 75c. .15
Choicest Mixed. Contains a very large variety of color.....	1/4 oz. 50c. .10

**PHLOX, Large-flowering, Dwarf Varieties.** Effective for beds or borders. 6 in.

nana compacta, Fireball. Bright red.....	1/8 oz. \$1.00 .15
nana compacta, Snowball. Compact, pure white .....	1/8 oz. \$1.00 .15
nana compacta, Yellow.....	1/8 oz. \$1.00 .15
nana compacta, Mixed Colors. Star-shaped flowers .....	1/8 oz. \$1.00 .15

**PHLOX, Hardy Perennial decussata.** Most brilliant colored flowers in late Summer and Fall. 3 ft..... 1/4 oz. \$1.00 .15

**PHYSALIS franchetti** (Chinese Lantern). H.B. Balloon-like fruits. 3 ft..... .15

**PHYSOSTEGIA** (False-dragonhead). H.P. 3 ft. **virginica.** One of the prettiest hardy perennials. It forms dense bushes bearing freely spikes of delicate pink tubular flowers .....

**PINKS.** (See **DIANTHUS.**)

**PLATYCODON.** H.P. The large-flowering Chinese Bellflowers. 2 ft.

<b>grandiflorum.</b> Large, steel-blue flowers.....	1/8 oz. 50c. \$0.15
<b>album.</b> Pure white variety.....	1/8 oz. 50c. .15
<b>mariesi.</b> Dwarf, large-flowered blue. 12 in.....	1/8 oz. 50c. .15

**POLEMONIUM coeruleum grandiflorum** (Jacobs-ladder). H.P. Deeply cut foliage and clusters of handsome blue flowers. 2 ft..... 1/4 oz. \$1.00 .15

**grandiflorum album.** Pure white. 1/4 oz. \$1.00 .15

**POLYANTHUS** (Primula elatior). H.H.P. Desirable for greenhouse flowering or bedding out in the Spring. 9 in.

**Marshall's Matchless Gold Laced.** Saved from the largest flowers in a wide range of colors..... .50

**Munstead Giants.** A magnificent strain of Bunch Primroses in shades of yellow and white .....

**POPPIES.** Showy, free blooming, old-fashioned flowers. Very effective in mixed borders.

**Single Annual Varieties:**

**glaucum** (The Scarlet Tulip Poppy)..... 1/4 oz. 25c. .10

**King Edward.** Free flowering, beautiful scarlet .....

**Miss Sherwood.** Flowers satiny-white and chamois-rose .....

**The Bride.** A beautiful variety with large, pure white flowers..... 1/4 oz. 30c. .10

**Virginia.** Flowers white, edged soft pink; fringed .....

**Marshall's Extra Selected Shirley.** A grand variety of colors, saved from selected flowers. Their brilliant, dazzling coloring and wonderful variety make a very effective display in the garden or for cut flowers .....

**American Legion Shirley.** Brilliant orange-scarlet, yellow anthers. Should be grown extensively for Poppy Day..... 1/4 oz. 50c. .10

**Blue Shirley.** A splendid assortment of colors..... 1/4 oz. 50c. .10

**Pure White Shirley.**..... 1/4 oz. 50c. .10

**Rose Pink Shirley.** A beautiful pink variety..... 1/4 oz. 50c. .10

**Double Annual Varieties:**

**American Flag.** White, edged red. 1/4 oz. 25c. .10

**Carnation-flowered.** Mixed colors. 1/4 oz. 25c. .10

**Eldorado Double Mixed.** A double form of Shirley Poppy, in choice mixture..... 1/4 oz. 35c. .10

**Mikado.** White, edged scarlet..... 1/4 oz. 25c. .10

**Paeony-flowered.** Mixed colors..... 1/4 oz. 25c. .10

**White Swan.** Large, beautifully fringed white flowers..... 1/4 oz. 25c. .10

**Hardy Perennial Varieties:**

**bracteatum.** Orange-scarlet, hardy Poppy. 1/4 oz. 25c. .10



Primula malacoides



Pyrethrum, Double



Rudbeckia Newmanni

**POPPIES—(Continued.)**

	Pkt.
<b>Iceland Poppies.</b> While these are hardy perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts.	
<b>nudicaule</b> (Iceland Poppy). Dwarf, bright yellow.....	¼ oz. 50c. \$0.15
<b>—aurantiacum.</b> Orange-scarlet.....	¼ oz. 50c. .15
<b>—album.</b> Pure white.....	¼ oz. 50c. .15
<b>—Coonara Pinks.</b> Long stemmed flowers in superb shades of rose and pink.....	.35
<b>—Mixed Iceland Poppies.....</b>	¼ oz. 50c. .15
<b>Oriental Poppies, Mixed Hybrids.</b> 3 ft. Finest shades.....	¼ oz. 50c. .15

**PORTULACA, H.A.** One of the freest flowering dwarf annuals, especially adapted for sunny locations. Flowers of the most brilliant colors. 6 in.

<b>Single Rose</b> .....	¼ oz. 50c. .10
<b>Single Scarlet</b> .....	¼ oz. 50c. .10
<b>Single White</b> .....	¼ oz. 50c. .10
<b>Single Yellow</b> .....	¼ oz. 50c. .10
<b>Single Mixed.</b> All colors.....	¼ oz. 35c. .10
<b>Double Large Flowering.</b> Will produce a large percentage of double flowers in many colors.	
<b>Finest Mixed.....</b>	¼ oz. \$1.25 .15

**POTENTILLA, H.P.** Splendid hardy perennials with ornamental foliage and brilliant flowers in shades of yellow and red from June to August. 2 ft.

<b>Single Mixed.</b> Various shades of yellow and brown.....	.15
<b>Double Hybrids, Mixed.....</b>	.25

**PRIMULA sinensis fimbriata** (Chinese Primrose). G.P. A charming profuse flowering plant indispensable for Winter and Spring decoration.

<b>Marshall's Giant.</b> Deep blue.....	.50
<b>—Pure white</b> .....	.50
<b>—Salmon</b> .....	.50
<b>—Scarlet</b> .....	.50
<b>—Matchless Mixed</b> .....	.50

**PRIMULA obconica.** One of the most useful greenhouse plants.

<b>obconica gigantea alba.</b> White.....	.50
<b>—lilacina.</b> Lilac.....	.50
<b>—kermesina.</b> Crimson.....	.50
<b>—rosea.</b> Rose.....	.50
<b>—Finest Mixed.....</b>	.50

**Eureka.** A new giant form of obconica. Rich rosy carmine, shaded cerise, a clear yellow eye.....

<b>malacoides.</b> A charming free flowering plant; delicate lilac.....	.50
<b>—alba.</b> Pure white.....	.50
<b>—Pink Beauty.</b> Large flowers of a beautiful rosy-pink, shading to mauve.....	.50

**PRIMULA Malacoides—(Continued.)**

	Pkt.
<b>—rosea.</b> Charming rose-pink.....	\$0.50
<b>—superba.</b> Larger flowers and much deeper in color than malacoides.....	.50
<b>—robusta.</b> A clear rosy-lavender shade with yellow eye.....	.50
<b>Kewensis.</b> Bright yellow, fragrant flowers.	.50
<b>stellata</b> (The Star Primula). Excellent pot plants for decoration purposes. Mixed colors.....	.50
<b>HARDY PRIMULAS or Primroses.</b>	
<b>Beesiana.</b> Very free flowering. Glowing velvety purple with yellow eye.....	.50
<b>Japonica</b> (Japanese Primrose). Mixed colors.....	.50
<b>Marshall's New Blue.</b> H.P. Many shades of blue to deep violet.....	.50
<b>Veris.</b> (See Cowslip.)	
<b>vulgaris.</b> English Yellow Primrose.	
<b>vulgaris Hybrids.</b> Very choice hybrids of the English Yellow Primrose.....	1/8 oz. \$1.00 .25

**PYRETHRUM, H.H.P.** Fine for edging and borders. 6 in.

<b>aureum Golden Feather.</b> Bright yellow foliage .....	¼ oz. 50c. .10
<b>aureum Golden Gem.....</b>	¼ oz. 50c. .10
<b>hybridum.</b> H.P. Large Daisy or Cosmos-like flowers; blooms in early Summer and late Fall. 18 in.	
<b>Single.</b> Large-flowering, mixed colors.	
<b>hybridum fl. pl., Double.</b> Large-flowering, beautiful colors.....	1/8 oz. \$2.00 .25

**REHMANNIA angulata.** H.H.P. Flowers rose-purple with spotted throat. 3 ft... .25

**RHODANTHE** (Swan-river Everlasting). H.A. Handsome pink and white, annual everlasting, excellent for bouquets of dried flowers. 1 ft.

<b>maculata.</b> Rose with dark center.....	¼ oz. 35c. .10
<b>—alba.</b> Pure white.....	¼ oz. 35c. .10
<b>Finest Mixed.....</b>	¼ oz. 35c. .10

**RICINUS** (Castor Oil Plant). H.A. From seed they quickly attain gigantic proportions and are ornamental till destroyed by frost. 6 ft.

<b>cambodgensis.</b> Maroon foliage.....	oz. 35c. .10
<b>gibsoni.</b> Purplish leaves and stems.....	oz. 35c. .10
<b>panormitans.</b> Large dark brown leaves, blue powdered stems, upright habit.....	oz. 35c. .10
<b>sanguineus.</b> Red stems.....	oz. 35c. .10
<b>zanzibarensis, Mixed.</b> Immense leaves. 8 ft.	
<b>Mixed Varieties.....</b>	oz. 35c. .10
<b>Mixed Varieties.....</b>	oz. 25c. .10

**ROCKET, SWEET** (Hesperis). H.P. A very interesting, useful, free-flowering plant. 18 in.

<b>Purple.</b> Beautiful purple color.....	¼ oz. 35c. .10
<b>White.</b> Flowers rosy white.....	¼ oz. 35c. .10
<b>Finest Mixed Colors.....</b>	¼ oz. 35c. .10



Statice sinuata



Schizanthus



Stokesia cyanea

Pkt.

Pkt.

**ROMNEYA coulteri** (The California Tree Poppy). H.H.P. Large, snowy white flowers. Requires protection in Winter. 2 ft. .\$.025

**RUDBECKIA bicolor superba**. H.A. Yellow flowers. 2 ft. .... ¼ oz. 50c. .15

**Newmanni**. H.P. Bright orange with black cone. 2 ft. .... .15

**purpurea hybrida grandiflora**. H.P. Beautiful large-flowered hybrids. 2 ft. .... .15

**SALPIGLOSSIS**. H.A. One of the prettiest annuals, of easy culture; very showy in beds or borders. Orchid-like flowers from early Summer until late Fall. 2 ft.

#### Marshall's Matchless Varieties:

**Chamois** ..... ½ oz. 50c. .15  
**Golden Yellow** ..... ½ oz. 50c. .15  
**Scarlet** ..... ½ oz. 50c. .15  
**Rose and Gold** ..... ½ oz. 50c. .15  
**Scarlet and Gold** ..... ½ oz. 50c. .15  
**Violet** ..... ½ oz. 50c. .15  
**Violet and Gold** ..... ½ oz. 50c. .15  
**Yellow and White** ..... ½ oz. 50c. .15  
**Matchless Mixture**. All colors. ¼ oz. 75c. .15  
**Large Flowering**. Mixed colors. ¼ oz. 35c. .10  
**Collection of 6 Separate Colors** ..... .75

**SALVIA** (Flowering Sage). H.A. One of our most handsome Summer and Autumn-flowering plants, growing into compact bushes 2 to 3 ft. high and literally ablaze with brilliant flowers.

**azurea grandiflora**. H.P. Pretty sky-blue flowers in August and September. 4 ft. ¼ oz. \$1.00 .25

**America, or Globe of Fire**. The earliest, freest and most continuous bloomer. ¼ oz. \$1.00 .25

**Blue Beard** (Clary). Elegant plant with showy spikes of bright purple flowers. ¼ oz. 35c. .10

**Bonfire**. A splendid dwarf variety, with large, erect spikes of rich scarlet flowers. ½ oz. 75c. .15

**farinacea**. H.H.P. Light blue flowers, long spikes. .... ½ oz. 75c. .25

**Harbinger, Early Flowering**. A dwarf variety which will come into flower in early Summer. Spikes of dazzling bright scarlet flowers. 1 ft. .... .25

**Ostrich Plume**. The plants are well covered with brilliant scarlet plumes. ½ oz. \$1.00 .15

**Salmon Beauty**. A superior strain with salmon colored blooms. 1½ ft. high. .... .25

**splendens grandiflora** (Scarlet Sage). A rich flowered bedder. .... ¼ oz. \$1.00 .10

**Summer-flowering Fireball**. A brilliant scarlet variety, July. 2 ft. .... .25

**Zurich**. Early flowering; color brilliant scarlet. 12 in. .... ⅜ oz. 75c. .25

**patens**. H.H.P. Magnificent blue flowers. ½ oz. \$1.50 .25

**SANVITALIA procumbens fl. pl.** H.A. Pretty bright double yellow flowers. 6 in. ¼ oz. 50c. \$0.10

**SAPONARIA calabrica**. Dwarf annual with pink starry flowers. 2 ft. .... ¼ oz. 35c. .10

**vaccaria**. Graceful sprays of pale rose flowers. Also used as a greenhouse pot plant. 2 ft. .... ¼ oz. 35c. .10

**SCABIOSA, or MOURNING BRIDE**. H.A. One of our best Summer flowering annuals. The rich and beautiful colored flowers are very handsome and excellent for cutting; profuse bloomer. June to October. 2½ ft.

#### Large-flowering Tall Double Varieties:

**Cherry Red** ..... ¼ oz. 40c. .10

**Fiery Scarlet** ..... ¼ oz. 40c. .10

**King of the Blacks**. Deep purple-black. ¼ oz. 40c. .10

**Lavender Blue** ..... ¼ oz. 40c. .10

**Loveliness**. Soft delicate salmon rose. Large fragrant flowers. .... .25

**Peach Blossom**. A beautiful shade of peach blossom pink, of large size and long stems. An excellent cut flower. ¼ oz. \$1.00 .25

**Rose Pink** ..... ¼ oz. 40c. .10

**Pure White** ..... ¼ oz. 40c. .10

**Finest Mixed**. All colors. .... ¼ oz. 35c. .10

**Dwarf Double**. Many colors mixed. ¼ oz. 35c. .10

#### Perennial Varieties:

**caucasica**. Silvery lavender-blue. ½ oz. \$1.25 .25

**caucasica alba**. Delicate white flowers. 2 ft. .... ½ oz. \$1.25 .25

**Caucasica Hybrids**. (Isaac House Strain.) A wonderful cut flower with large, long-stemmed flowers, outer edges ruffled. Colors light lavender to dark blue. .... .50

**Columbaria Lavender**. Large flowers. .... .25

**Columbaria Pink**. A beautiful shade. .... .25

**SCHIZANTHUS** (Butterflyflower). H.H.A. Beautiful and showy, erect growing, hardy annuals for house or garden; very free-flowering, continuing through the Summer and Autumn. 1½ ft.

**Dr. Badger's Hybrids**. Fern-like bright green foliage, covered with a beautiful range of colors. Grand for pot culture. .... .50

**Grahami**. Free flowering red variety. .... .25

**hybridus grandiflorus, Finest Mixed**. Very choice. .... ¼ oz. 35c. .10

**Pink Beauty**. An exquisite shade of rose-pink. Fine for pot plants. .... .50

**retusus**. Beautiful red and yellow flowers. .15

**retusus albus**. White blotched with golden yellow. .... .15

**wisetonensis, Marshall's Select Hybrids**. Flowers varying from white with yellow eye to rose with bronze center. Fine for pots. .... .25

**wisetonensis compacta, Mixed**. Beautiful and varied colors. .... .25



Stocks, Giant Perfection

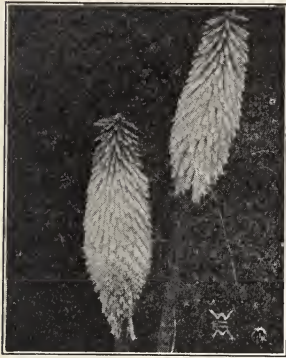


Sunflower



Sweet William

- |   |                |  |                   |
|---|----------------|--|-------------------|
|   | Pkt.           |  | Pkt.              |
| <b>SEDUM</b> (Stonecrop). Popular dwarf hardy Perennials for rock gardens.  |                | <b>STEVIA serrata</b> . G.P. A greenhouse plant with fragrant, tiny white flowers; exceedingly valuable for cutting. 2 ft. ....  | ¼ oz. 75c. \$0.15 |
| <b>Acre</b> . Yellow. 4 in. ....  | \$0.25         | <b>STOKESIA cyanea</b> . H.P. Lavender-blue flowers. 2 ft. ....  | ¼ oz. \$1.00 .15  |
| <b>Anglicum</b> . White tinged pink. 4 in. ....   | .25            | <b>Finest Mixed</b> . A mixture of pink, purple, blue and white shades. ....   | ¼ oz. 75c. .15    |
| <b>Coeruleum</b> . Small blue. 9 in. ....   | .25            | <b>STOCKS</b> (Gilliflower). H.A. One of the most highly prized of all our cultivated flowers. The delightful fragrance, free-blooming character and beautiful colors have made them as desirable for Winter cultivation in the greenhouse as for the garden in Summer; invaluable as cut flowers. |                   |
| <b>Eversii</b> . Rose. 9 in. ....   | .25            | <b>Marshall's Giant Perfection Ten-Weeks</b> . A splendid double-flowered strain; especially adapted for bedding or pot culture.   |                   |
| <b>Middendorffii</b> . Yellow, dark leaves. 6 in. ....  | .25            | <b>Chamois Rose</b> . ....   | ¾ oz. \$1.00 .25  |
| <b>SENECIO elegans fl. pl.</b> (Jacobaea). H.A. Free flowering pretty annual. Mixed colors. 18 in. ....   | .15            | <b>Dark Blue</b> . ....  | ¾ oz. \$1.00 .25  |
| <b>SENSITIVE PLANT</b> . (See <i>MIMOSA pudica</i> .)   |                | <b>Crimson</b> . ....  | ¾ oz. \$1.00 .25  |
| <b>SHAMROCK</b> . G.P. True small-leaved variety. ¼ oz. 50c. ....   | .15            | <b>Flesh Color</b> . ....  | ¾ oz. \$1.00 .25  |
| <b>SIDALCEA</b> , Stark's Hybrids. H.P. A hardy border plant. All shades from bluish pink, rose, carmine and crimson. 2 to 4 ft. ....                           | .50            | <b>Light Blue</b> . ....   | ¾ oz. \$1.00 .25  |
| <b>Rosy Gem</b> . 3 ft. ....  | .25            | <b>Pure White</b> . ....   | ¾ oz. \$1.00 .25  |
| <b>SILENE</b> (Catchfly). Very pretty and profuse blooming plants.  |                | <b>Rose</b> . ....   | ¾ oz. \$1.00 .25  |
| <b>compacta</b> . H.A. Double. Mixed colors. 2 ft. ¼ oz. 35c. ....  | .10            | <b>Scarlet</b> . ....  | ¾ oz. \$1.00 .25  |
| <b>orientalis</b> . H.P. Large, globular heads of bright rose flowers, which are clove-scented. Useful for cutting. 2 ft. ¼ oz. 35c. ....                       | .10            | <b>Yellow</b> . ....   | ¾ oz. \$1.00 .25  |
| <b>Schafta</b> . H.P. A good rock plant, trailing habit, pink flowers. 4 to 6 in. ....  | .15            | <b>Finest Mixed. All Colors</b> . ....   | ¾ oz. \$1.00 .25  |
| <b>SMILAX</b> (Myrsiphyllum asparagoides). G.P. Popular greenhouse climber with small dark green foliage. ....  | ¼ oz. 25c. .10 | <b>Collection of Six Colors</b> . ....   | 1.25              |
| <b>SNAPDRAGON</b> . (See <i>ANTIRRHINUM</i> .)  |                | <b>Collection of Nine Colors</b> . ....  | 2.00              |
| <b>SOLANUM capsicastrum nanum</b> (Jerusalem Cherry). G.P. Ornamental plant for Winter decoration, with bright scarlet berries. ....                            | ¼ oz. 50c. .15 | <b>Large Flowering Ten-Weeks, Mixed Colors</b> . ¼ oz. 75c. ....   | .10               |
| <b>Cleveland</b> . Valuable as a pot plant. Brilliant red fruit. ....   | .25            | <b>Blanche Fournier</b> . Ashes of roses color. A good forcing variety also suitable for outside planting. A unique color. ....  | 1.00              |
| <b>STATICE</b> . H.A. Beautiful free-flowering plants adapted for beds or borders. The flowers, when dried, make pretty decorations for Winter use. 1½ to 2 ft. |                | <b>Winter Flowering Stocks:</b>  |                   |
| <b>Annual Varieties:</b>  |                | <b>Cut - and - come - again, Princess Alice</b> . Double white. ....   | .25               |
| <b>bouduelli</b> . Bright yellow flowers. ¼ oz. 35c. ....   | .10            | <b>Beauty of Nice</b> . Splendid rose color. ....  | .25               |
| <b>sinensis</b> . Very graceful plant; flowers pure white with canary yellow. ....  | ¼ oz. 50c. .10 | <b>Crimson King</b> . Brilliant fiery crimson. ....  | .25               |
| <b>sinuata Blue</b> . A light shade of blue. ....   | .25            | <b>Empress Elizabeth</b> . Carmine-rose. ....  | .25               |
| <b>—candidissima</b> . Pure white. ....   | .25            | <b>Giant Abundance</b> . Carmine-rose. ....  | .25               |
| <b>—rosea superba</b> . Fine bright rose. ....  | .25            | <b>Mont Blanc</b> . Pure white. ....   | .25               |
| <b>—True Blue</b> . Fine deep blue. ....  | .25            | <b>Queen Alexandra</b> . Delicate rosy lilac. ....   | .25               |
| <b>—hybrida Mixed</b> . Flowers mauve, purple, white and yellow. ....   | ¼ oz. 50c. .10 | <b>Summer Night</b> . Deep blue. ....  | .25               |
| <b>suworowi</b> . Flowers bright rosy color; fine for Winter decorations. ....  | ¾ oz. 50c. .10 | <b>White Lady</b> . Large, double, snow-white. ....  | .25               |
| <b>Perennial Varieties:</b>   |                | <b>Yellow, Monte Carlo</b> . Clear yellow. ....  | .25               |
| <b>incana hybrida nana Mixed</b> . H.P. A charming variety of Sea-lavender. Fine for bouquets. ....   | ¼ oz. 50c. .10 | Any of the above varieties. ....   | ¾ oz. \$1.25      |
| <b>latifolia</b> . H.P. Lavender-blue flowers. ¼ oz. 50c. ....  | .10            | <b>East Lothian</b> . Valuable for beds or borders and for greenhouses during the Winter months. For early Summer flowering, the seed should be sown in the Fall and plants wintered over in frames.   |                   |
| <b>perezii</b> . H.H.P. A beautiful bright blue. Adapted for borders and greenhouse forcing. 1½ ft. ....  | .25            | <b>Finest Mixed</b> . ....   | ¾ oz. \$1.00 .25  |
|   |                | <b>STREPTOCARPUS</b> . Handsome greenhouse perennial, with Achimene-like flowers in clusters on slender stems. Treatment same as for Gloxinia.   |                   |
|   |                | <b>Choice Mixed Hybrids</b> . ....   | .50               |



Trilloma



Verbena



Trollius

- SUNFLOWER.** H.A. Well-known hardy annuals, the small-flowering sorts being very useful for cutting, while the larger sorts are very ornamental and useful, blooming all Summer.
- Double Californian.** Deep yellow. 5 ft. oz. 50c. \$0.10
- Single Russian.** Enormous flowers. 6 ft. oz. 30c. .10
- Double Globe-shaped.** Orange. 5 ft. oz. 35c. .10
- Chrysanthemum-flowered.** Rich golden yellow flowers. 5 ft. oz. 60c. .10
- Red Hybrids.** "The Red Sunflower." Large flowers in various shades of red and dark centers. 4 ft. oz. 25c. .10
- Cucumerifolius Varieties:**
- cucumerifolius** (Miniature Sunflower). Of pyramidal growth; covered with bright orange, small single flowers. 3 ft. ½ oz. 25c. .10
- cucumerifolius hybridus fl. pl.** Splendid double and semi-double varieties. 3 ft. ½ oz. 30c. .10
- Marshall's "Excelsior" cucumerifolius Hybrids.** Shades of red, purple, mahogany and yellow 4 ft. ½ oz. 50c. .10
- Orion.** A variety of Stella with twisted petals. 3 ft. ½ oz. 25c. .10
- Stella** (Improved Miniature Sunflower). Yellow. 3 ft. ½ oz. 25c. .10
- Perennial Varieties:**
- perennis Hybrids.** Mixed hardy varieties. 3 ft. ½ oz. \$1.50 .25
- questifolius "Autumn Glory."** H.P. The flowers are golden yellow. Plants grow about 6 ft. and bloom profusely in the late Fall. ½ oz. \$1.00 .15
- SWEET PEAS.** (See Pages 29 and 30.)
- SWEET ROCKET.** (See ROCKET.)
- SWEET SULTAN.** (See CENTAUREA.)
- SWEET-WILLIAM** (*Dianthus barbatus*). H.B. Showy, of easy culture; splendid for beds and borders with their rich varied flowers. 1½ ft.
- Carmine Beauty.** Carmine. ¼ oz. 75c. .10
- Crimson King.** Crimson. ¼ oz. 50c. .10
- Diadem.** A deep rich crimson, with white eye. ¼ oz. 40c. .10
- Giant White.** Pure white. ¼ oz. 75c. .10
- Holborn Glory.** Exceptionally large flowers, each showing a clear white eye. A good range of colors. ¼ oz. 75c. .10
- Newport Pink.** Salmon rose-pink flowers borne on long stems. ¼ oz. 75c. .10
- Pink Beauty.** Very free flowering. ¼ oz. 75c. .10
- Scarlet Beauty.** Intensely rich deep scarlet. ¼ oz. \$1.00 .10
- Single-flowering, Finest Mixed Colors.** ¼ oz. 25c. .10
- Double-flowering, Mixed.** ¼ oz. 50c. .10
- Single Annual Mixed.** Flowers of good size. Will bloom the first year. 12 in. ¼ oz. 50c. .10
- Collection of Sweet-William.** Six varieties. .50

Pkt.

- TAGETES signata pumila.** H.A. A dwarf, bushy Marigold, with golden yellow flowers. Fine for bedding. 12 in. ¼ oz. 50c. \$0.10
- THUNBERGIA.** H.A.C. Beautiful, rapid-growing climbers. 5 ft.
- Finest Mixed.** ¼ oz. 50c. .10
- TORENIA.** H.H.A. Tender trailing plants for vases or baskets. 12 in.
- fournieri.** Velvety blue. .25
- "The Bride."** White and rose. .25
- THALICTRUM.** H.H.P. Graceful plants resembling Maidenhair ferns. Extensively used for bouquets.
- adiantifolium.** Yellow flowers. 1 ft. .25
- diptercarpum.** Rosy-purple with citron-yellow anthers. 3 ft. .25
- TRACHELIUM coeruleum.** G.P. A free-flowering plant with cloud-like heads of mauve flowers. 1½ ft. .25
- TRITOMA.** H.H.P. Often called the Flame-flower, useful for borders and cutting. Plants should be well protected in Winter. 3 ft.
- semperflorens.** Orange-red. .15
- Stark's Early Hybrids.** A new perpetual flowering race. The colors embrace yellows and salmons to deep crimsons. .25
- TROLLIUS** (Globeflower). Charming Spring-flowering, hardy perennials with large, globular, Buttercup-like flowers varying in color from creamy white to orange. 2 ft.
- Orange Globe Hybrids.** Newest large-flowering varieties. .25
- TROPAEOLUM lobianum.** (See NASTURTIUM.)
- VALERIAN.** Red. H.P. Showy, hardy plant for the garden and rockery. 2 ft. ¼ oz. 30c. .10
- VERBENA.** H.A. The Verbena is a universal garden favorite, very few plants making a more gorgeous display of brilliant flowers from Spring till late in the Autumn. 12 in.
- grandiflora erecta Royal Bouquet.** A valuable decorative plant for bedding or growing in pots. Mixed colors. .25
- hybrida colossea.** Etna. Garnet red. .25
- hybrida colossea.** Rose Cardinal. Rose, white eye. .25
- hybrida colossea.** Royale. Deep royal blue .25
- hybrida gigantea Mixed.** A greatly improved strain producing giant florets in many colors. ¼ oz. \$1.00 .15
- Mammoth candidissima.** Large trusses of white flowers. ¼ oz. 75c. .15
- coerulea.** Bright blue and purple in various shades. ¼ oz. 75c. .15
- Helen Willmott.** A very pretty bright salmon rose, with white eye. ¼ oz. \$1.00 .15
- Lucifer.** Intense brilliant scarlet with no eye. ¼ oz. 75c. .15
- Mayflower.** A beautiful pink variety. ¼ oz. 75c. .15



Verbena hybrida colossea

<b>VERBENA—(Continued.)</b>	<b>Pkt.</b>
—Yellow. Primrose color..... $\frac{1}{4}$ oz. 75c.	\$0.15
—Finest Mixed. Extra choice..... $\frac{1}{4}$ oz. 75c.	.10
<b>Erinoides.</b> A consistent bloomer, suitable for bedding, produces a mass of moss-like foliage. Flowers purplish blue.	
$\frac{1}{4}$ oz. 50c.	.10
<b>Lemon Verbena</b> (Aloysia citrodora; Lemon scented leaves.....	.15
<b>venosa.</b> Purple flowers. Blooms the first year from seeds..... $\frac{1}{4}$ oz. 50c.	.15
<b>VERBASCUM Miss Willmott.</b> H.P. A lovely hardy plant with large, ivory-white spikes of flowers. 5 ft.....	.50
<b>phoeniceum.</b> H.P. Various colors, including white, pink, blue, mauve and purple. 12 in..... $\frac{1}{4}$ oz. 50c	.15
<b>VERONICA.</b> H.P. Splendid, hardy perennials with showy spike of bright-colored flowers; fine border plant. $1\frac{1}{2}$ to 2 ft	
<b>spicata Blue.</b> Bright blue..... $\frac{1}{4}$ oz. 50c.	.15
<b>VINCA.</b> H.H.P. Splendid plants for bedding and edging; glossy, dark-green foliage and pretty pink and white flowers. 2 ft.	
<b>alba pura.</b> Pure white..... $\frac{1}{4}$ oz. 60c.	.10
<b>alba rosea.</b> White, crimson eye.. $\frac{1}{4}$ oz. 60c.	.10
<b>delicata.</b> A beautiful soft rose color.. $\frac{1}{4}$ oz. 60c.	.10
<b>rosea.</b> Rose, dark eye..... $\frac{1}{4}$ oz. 60c.	.10
<b>Mixed</b> ..... $\frac{1}{4}$ oz. 60c.	.10
<b>VIOLA, Cornuta Hybrida. Bedding Varieties.</b> H.H.P. Large flowering, self colors. 6 in.	
<b>Haslemere.</b> A distinct variety with rosy-lilac flowers. A good rock plant.....	.25
<b>Apricot.</b> An unusually fine shade blending into deep orange.....	.35
<b>Mixed.</b> From best named Scotch varieties. $\frac{1}{2}$ oz. \$1.00	.25
<b>VIOLA, Cornuta Tufted Pansies.</b> H.H.P. Valuable for bedding and may be grown in the same manner as Pansies. Very free flowering. 6 in.	
<b>Admiration.</b> Soft purple, dark blotched. $\frac{1}{8}$ oz. 75c.	.15
<b>Jersey Gem.</b> The flowers are a pleasing shade of deep violet-blue.....	.50
<b>lutea grandiflora.</b> Orange..... $\frac{1}{2}$ oz. 75c.	.15
<b>Mauve Queen.</b> Pretty mauve..... $\frac{1}{8}$ oz. 75c.	.15
<b>White Perfection.</b> The best white.. $\frac{1}{2}$ oz. 75c.	.15
<b>Finest Mixed.</b> All colors..... $\frac{1}{4}$ oz. \$1.00	.15
<b>VIOLET, Viola odorata.</b> H.P. Sweet-scented Violet, blue. 6 in.....	.25
<b>VISCARIA.</b> H.A. Showy and profuse blooming plants, very effective in small beds or borders.	
<b>Finest Mixed.</b> ..... $\frac{1}{4}$ oz. 25c.	.10



Viola cornuta

<b>WALLFLOWER.</b> H.H.P. Old fashioned fragrant plants blooming in early Spring. They should be protected in a coldframe in the Winter, and planted out in April. 12 in.	<b>Pkt.</b>
<b>Allioni</b> (Alpine Wallflower). (See <b>CHEIR-ANTHUS.</b> )	
<b>Kewensis.</b> Very fragrant, sulphur-yellow flowers, passing to orange-yellow and purple-violet. Fine for Winter flowering in greenhouse..... $\frac{1}{2}$ oz. 75c.	\$0.15
<b>Single Fine Mixed.</b> Hardy varieties.. $\frac{1}{4}$ oz. 35c.	.10
<b>Double Fine Mixed.</b> Hardy..... $\frac{1}{2}$ oz. \$1.00	.25
<b>Annual Varieties.</b> If sown in heat during March these will flower during the Summer and Autumn. Excellent for forcing.	
<b>Annual Mixed. Single.</b> Summer flowering. $\frac{1}{4}$ oz. 50c.	.15
<b>Early Paris Market.</b> Bright brown.. $\frac{1}{4}$ oz. 50c.	.15
<b>Blood-red. Single.</b> ..... $\frac{1}{4}$ oz. 50c.	.15
<b>Early Wonder.</b> A new double annual flowering type. Mixed colors..... $\frac{1}{4}$ oz. \$1.00	.15
<b>WILD CUCUMBER.</b> (See <b>ECHINOCYSTIS.</b> )	
<b>XERANTHEMUM.</b> H.A. Showy, hardy annual of easy culture, giving a profusion of flowers; well suited to drying as everlasting. $1\frac{1}{2}$ to 2 ft.	
<b>Double Mixed.</b> ..... $\frac{1}{4}$ oz. 50c.	.10
<b>ZINNIAS</b> (Youth and Old Age). H.A. These well-known garden favorites are one of the most brilliant Summer-flowering plants. The flowers are large, very handsome, and borne in great profusion. They succeed best in a sunny situation. 2 ft.	
<b>Matchless, Double Tail Varieties.</b>	
<b>Double, Crimson.</b> ..... $\frac{1}{4}$ oz. 75c.	.15
<b>Lavender</b> ..... $\frac{1}{4}$ oz. 75c.	.15
<b>Purple</b> ..... $\frac{1}{4}$ oz. 75c.	.15
<b>Rose</b> ..... $\frac{1}{4}$ oz. 75c.	.15
<b>Salmon.</b> Light salmon rose.. $\frac{1}{4}$ oz. 75c.	.15
<b>Scarlet</b> ..... $\frac{1}{4}$ oz. 75c.	.15
<b>White</b> ..... $\frac{1}{4}$ oz. 75c.	.15
<b>Flesh Pink</b> ..... $\frac{1}{4}$ oz. 75c.	.15
<b>Yellow</b> ..... $\frac{1}{4}$ oz. 75c.	.15
<b>Fine Mixed</b> ..... $\frac{1}{4}$ oz. 60c.	.15
<b>Collection of Six Colors, Matchless Double Varieties</b> ..... $\frac{1}{4}$ oz. 75c.	.75

## ZINNIAS—(Continued.)

Pkt.

**California Giants.** This type has enormous flowers that are flat, eliminating the stiffness that has been objectionable in the past.

<b>Enchantress.</b> Light rose.....	¼ oz.	\$1.00	\$0.25
<b>Grenadier.</b> Dark red.....	¼ oz.	\$1.00	.25
<b>Lavender Gem.</b> Lavender.....	¼ oz.	\$1.00	.25
<b>Orange King.</b> Burnt Orange.....	¼ oz.	\$1.00	.25
<b>Orange Queen.</b> Golden yellow.....	¼ oz.	\$1.00	.25
<b>Purity.</b> White.....	¼ oz.	\$1.00	.25
<b>Salmon Queen.</b> Old rose shade.....	¼ oz.	\$1.00	.25
<b>Finest Mixed.</b> All colors.....	¼ oz.	\$1.00	.25

**Giant Dahlia-flowered.** These are similar to the Double Dahlia in size and shape of flowers. 2½ ft.

<b>Buttercup.</b> Deep creamy-yellow.....			.25
<b>Crimson Monarch.</b> Largest of the red shades .....			.25
<b>Dream.</b> Deep lavender, turning to purple.....			.25
<b>Exquisite.</b> Light rose, with center a deep rose .....			.25
<b>Golden State.</b> A very rich orange-yellow.....			.25
<b>Oriole.</b> An immense orange and gold bi-color .....			.25
<b>Polar Bear.</b> A very large pure white.....			.25
<b>Scarlet Flame.</b> A large, beautiful bright scarlet .....			.25
<b>Dahlia-flowered Mixed.</b> .....			.25
<b>Any of the above varieties.</b> .....	¼ oz.	\$1.00	
<b>Collection of eight varieties.</b> .....			1.75

**Lilliput.** Small double flowers for borders, bedding and cut flower purposes. Making a bushy plant one foot high.

<b>Golden Gem.</b> .....	¼ oz.	50c.	.10
<b>Salmon Rose.</b> .....	¼ oz.	50c.	.10
<b>Scarlet Gem.</b> .....	¼ oz.	50c.	.10
<b>White Gem.</b> .....	¼ oz.	50c.	.10
<b>Finest Mixed.</b> .....	¼ oz.	50c.	.10
<b>Tall Double Mixed.</b> Very double; a fine strain .....	¼ oz.	50c.	.10



Zinnia, Dahlia-flowered

## ZINNIAS—(Continued.)

Pkt.

<b>haageana "Perfection."</b> Small, double flowers in many colors, makes a beautiful border. 9 in. Finest mixed....	¼ oz.	\$1.00	\$0.25
<b>Victory.</b> A very distinct variety with large densely double quilled flowers, the colors are mostly in russet, orange, old rose and other autumn tints.....	¼ oz.	60c.	.15

## WILD GARDEN FLOWER SEEDS

This mixture contains over 100 varieties of the oddest and choicest annual imaginable. For naturalizing purposes or sowing broadcast, nothing approaches wild garden flower seeds for effect and cheapness. No care is necessary, and a never-ending succession of bloom and fragrance can be obtained throughout the entire Summer and Fall. Pkt. 10c., oz. 25c., ¼ lb. 75c.

## Marshall's Early Flowering Spencer Sweet Peas

The Early Flowering Spencers bloom about two weeks earlier than the late flowering varieties when grown under congenial conditions. The flowers are beautifully waved and produced on long stems, four flowers predominating on each stem. For winter flowering under glass or in the Southern states they far surpass the Late Spencers. When grown in the open ground they will usually bloom in about 100 days after planting.

	¼ oz.	Oz.		¼ oz.	Oz.
<b>Aviator.</b> Dazzling crimson scarlet.....	\$0.35	\$1.00	<b>Springsong.</b> Rich bright rose pink flushed salmon, almost a self color..	\$0.60	\$2.00
<b>Burpee's Orange.</b> Deep orange.....	.50	1.50	<b>Superior Pink.</b> A beautiful rose pink, very slightly shaded with salmon...	.50	1.50
<b>Chevalier.</b> True rose color.....	.35	1.00	<b>Sweet Lavender.</b> A soft lavender-lilac.	.35	1.00
<b>Columbia.</b> Salmon rose, standard white wings .....	.35	1.00	<b>True Blue.</b> A charming shade of true or light violet-blue.....	.35	1.00
<b>Early Ball Rose.</b> Deep rose pink.....	.35	1.00	<b>Vulcan.</b> The most vivid scarlet.....	.35	1.00
<b>Early Giant Rose.</b> A large flower of superb rose pink.....	.50	1.50	<b>White Harmony.</b> A first-class black-seeded white. Superb.....	.50	1.50
<b>Early Hercules.</b> A mammoth rosy pink	.35	1.00	<b>Yarrowa.</b> The finest pink forcer.....	.35	1.00
<b>Harmony.</b> Clear lavender.....	.35	1.00	<b>Zvolanek's Blue.</b> A very bright blue...	.35	1.00
<b>Mauve Beauty.</b> Rosy mauve, beautifully waved, four flowers on stem.....	.35	1.00	<b>Zvolanek's Orange.</b> Orange-pink.....	.35	1.00
<b>Meadow Lark.</b> A chaste cream.....	.35	1.00	<b>Zvolanek's Rose.</b> A beautiful self, rose color .....	.35	1.00
<b>Miss Louise Gude.</b> A lovely clear shell pink .....	.50	1.50	<b>Early Flowering Mixed.</b> .....	.35	1.00
<b>Miss Spokaue.</b> Cerise red, scarlet wings .....	.50	1.50			
<b>Morning Star.</b> A deep orange-scarlet, with rich orange-pink wings.....	.35	1.00			
<b>Mrs. Kerr.</b> A very large salmon.....	.50	1.50			
<b>New Blue.</b> A splendid deep blue.....	.50	1.50			
<b>Silver Blue.</b> Light lavender-blue.....	.35	1.00			
<b>Snowstorm Improved.</b> The finest of all the white varieties.....	.35	1.00			

Each of the above varieties, pkt. 15c.

## CUPID, or DWARF SWEET PEAS

These grow about 9 inches high and are adapted for borders or beds.

**Finest Mixed Colors.** Pkt. 10c., oz. 30c., ¼ lb. \$1.00

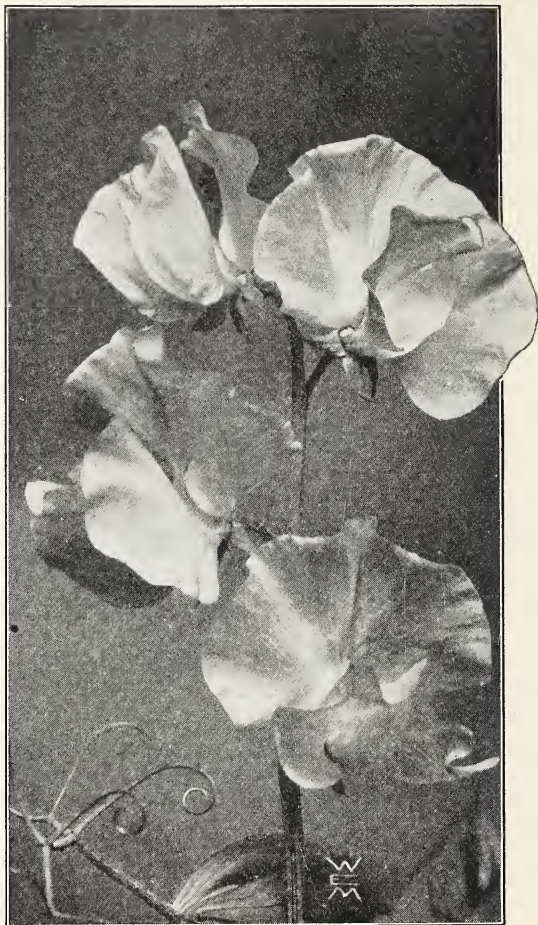
Sweet Peas and Flower Seeds treated with "SEMESAN" will give better germination.

## MARSHALL'S SPENCER SWEET PEAS

There are no Annual Climbers that are more popular or more universally admired than Sweet Peas. They are of the easiest culture, unrivaled for cutting, delightfully fragrant, while their colors are amongst the brightest and daintiest in the floral world. As soon as the ground can be worked in the Spring, sow the seed in trenches at least 6 inches in depth, then as the plants grow fill in the soil about one inch at a time until the trenches are full, taking care not to cover the young plants. Liquid manure applied occasionally will be found very beneficial. Pick the flowers frequently, for if allowed to form seed the plants will stop blooming.

The following is a selection of the best varieties in each color.

**Austin Frederick Improved:** Large pure lavender.  
**Avalanche:** Extra large white, good form.  
**Barbara:** An unusually good salmon shade.  
**Carmelita:** Rose pink on white ground.  
**Charming:** Brilliant deep rose. Choice.  
**Chieftain:** A superb shade of deep mauve.  
**Commander Goddall:** Lovely violet-blue.  
**Crimson King:** Striking shade of ox-blood crimson. A superb color.  
**Daffodil:** Large flowers of deep primrose.  
**Dora:** A chaste sort with standards of soft pink; cream wings.  
**Doreen:** Fine shade of carmine. Large.  
**Flamingo:** Orange, scarlet, flushed cerise.  
**Fortune:** A fine purple blue. Unusual.  
**Glencagles:** An exhibition sort with extra fine flowers of pale blue-lavender.  
**Hawthorn Cerise:** Bright salmon cerise.  
**Hawthorn Salmon Pink:** Fine rose pink flushed with salmon pink.  
**Hero:** An exceptional shade of cerise.  
**Huntsman:** A new shade of scarlet.  
**Idyl:** A stunning shade of salmon pink.  
**Kitty Pierce:** Light lilac, suffused pink.  
**Mammoth:** Orange scarlet. A telling color.  
**Mary Pickford:** Lovely cream pink suffused salmon pink.  
**Model:** A black seeded white of fine size and texture.  
**Mrs. Tom Jones:** Lovely deep amethyst blue.  
**Olympia:** Rich Tyrian purple.  
**Pinkie:** Largest size rose pink. Extra fine.  
**Powerscourt:** Still one of the best of the large size lavenders.  
**Prince of Orange:** A fine flower of deep rich orange.  
**Reflection:** One of the best in a clear shade of blue.  
**Rosabelle:** A giant flower of fine deep rose.  
**Royal Pink:** Shrimp pink, veined orange.  
**Splendor:** A rich maroon.  
**Sunkist:** Large cream picotee edge rose.  
**Supreme:** An exhibition flower of large size, fine substance. Flesh pink.  
**Tangerine Improved:** A very good salmon-orange.  
**The Prince:** Clear crimson flowers of large size and good substance.  
**The Sultan:** Large glossy black maroon.  
**Valentine:** Blush pink flowers of large size.  
**What Joy:** Primrose yellow shading to cream.  
**Wembley:** A superior lavender blue.  
**White Spencer:** A pure white which is hard to improve upon.  
**Youth:** White with a picotee edge of rose.



Sweet Peas, Spencer type

Any of the above varieties: Pkt. 10c., oz. 50c., ¼ lb. \$1.50

## MARSHALL'S TWELVE EXHIBITION VARIETIES

We have selected the following twelve varieties as being the best of the above list of Sweet Pease for exhibition purposes.

**Avalanche**  
**Charming**  
**Glencagles**

**Idyl**  
**Olympia**  
**Pinkie**

**Powerscourt**  
**Reflection**  
**Supreme**

**The Prince**  
**What Joy**  
**Youth**

One Pkt. each of the above 12 Exhibition Varieties for \$1.00

## MARSHALL'S MATCHLESS MIXED SPENCER HYBRIDS

A mixture of 75 varieties of Spencers, the grower of which was awarded a Silver Gilt Medal of the National Sweet Pea Society of Great Britain. Pkt. 10c., oz. 35c., ¼ lb. \$2.00.

**INOCULATE THIS  
 SEED WITH  
 STIMUGERM**

**"STIMUGERM" FOR SWEET PEAS**  
 Sweet Peas flower earlier, longer and better treated with **stimugerm**.  
 Small size, 25c.; large size, 35c.

# FLOWER SEEDS FOR DIFFERENT PURPOSES AND SITUATIONS

For description and prices, see general list.

## CLIMBING VINES FROM SEEDS

Balloon Vine	Cypress Vine	Humulus	Kudzu Vine	Momordica	Thunbergia
Canary Bird Vine	Dolichos	Ipomoea	Lophospermum	Nasturtium	
Cobaea	Echinocystis	Lathyrus	Mina lobata	Passiflora	
Convolvulus	Gourds	Kenilworth Ivy	Maurandia	Sweet Peas	

## FRAGRANT FLOWERS FROM SEEDS

Alyssum	Dianthus (Hardy)	Mignonette	Scabiosa	Sweet Rocket	Verbena, Lemon
Asperula	Heliotrope	Mimulus moschatus	Stock	Sweet Sultan	Violet
Carnations	Lavender	Nicotiana affinis	Sweet Pea	Sweet William	Wallflower
Cleome	Mathiola	Polyanthus			

## PLANTS ADAPTED FOR EDGING BORDERS

Ageratum	Bellis	Marigold	Nigella	Portulaca	Tagetes
Alyssum	Candytuft	Myosotis	Pennisetum	Pyrethrum	Viola
Armeria	Centaurea	Nasturtium	Petunia	Sweet William	Zinnia Lilliput
Begonia	Lobelia	Nemesia	Phlox, Dwarf	Sweet Pea, Cupid	

## GREENHOUSE AND POT PLANTS FROM SEEDS

Abutilon	Begonias	Clerodendron	Ferns	Impatiens	Stevia
Acacia	Calceolaria	Clianthus	Francoa	Lantana	Stocks
Antirrhinum	Celosia	Coleus	Freesia	Primula	Streptocarpus
Angelonia	Celsia	Cyclamen	Gloxinia	Shamrock	Sweet Peas
Aralia	Chrysanthemum	Dracena	Grevillea	Smilax	Trachelium
Asparagus	Cineraria	Geranium	Heliotrope	Solanum	Verbena

## EVERLASTING FLOWERS FOR WINTER DECORATIONS

Acroclium	Globe Amaranth	Honesty, Lunaria	Rhodanthe	Statice	Xeranthemum
Edelweiss	Helichrysum				

## ORNAMENTAL FOLIAGE PLANTS FROM SEEDS

Amaranthus	Centaurea candi-	Centaurea gymno-	Coleus	Euphorbia	Perilla
Cineraria maritima	dissima	carpa	Corn, Rainbow	Kochia	Pyrethrum aureum
					Ricinus

## PLANTS FROM SEEDS SUCCEEDING IN PARTIALLY SHADED PLACES

Anemone	Begonia, Tuberous	Cowslip	Hardy Primrose	Myosotis	Poppies (Hardy)
Antirrhinum	Bellis	Delphinium	Linum	Oenothera	Schizanthus
Aquilegia	Canterbury Bells	Digitalis	Matricaria	Pansy	Torenia
Auricula	Coreopsis (Hardy)	Ferns	Mimulus	Polyanthus	Violet

## ANNUAL FLOWERS FROM SEED, SUITABLE FOR CUTTING

Agrostemma	Carnation	Dianthus	Hunnemannia	Phlox	Sunflower
Antirrhinum	Celosia plumosa	Didiscus	Larkspur	Poppies	Sweet Peas
Arctotis	Centaurea	Dimorphanthe	Lavatera	Salpiglossis	Sweet William
Asters	Chrysanthemums	Eschscholtzia	Lupinus	Scabiosa	Verbena
Calendula	Clarkia	Gaillardia	Marigolds	Statice	Wallflower
Calliopsis	Cosmos	Godetia	Mignonette	Stocks, Ten Week	Zinnias
Candytuft	Dahlias	Gypsophila	Nigella		

## HARDY PERENNIALS WHICH CAN BE RAISED FROM SEEDS

Achillea	Bellis	Digitalis	Hellanthus	Phlox	Scabiosa
Aconitum	Bocconia	Echinops	Heuchera	Physalis	Silene
Adonis	Boltonia	Edelweiss	Hibiscus	Physostegia	Statice
Agrostemma	Callirhoe	Eremurus	Hollyhocks	Platycodon	Stokesia
Alstroemeria	Campanula	Erigeron	Incarvillea	Polemonium	Sweet William
Alyssum	Candytuft	Erysimum	Lathyrus	Polyanthus	Trachelium
Anchusa	Centaurea	Erinus	Linaria	Poppies	Tritoma
Anemone	Cerastium	Eupatorium	Linum	Potentilla	Trollius
Anthemis	Chelone	Gaillardia	Lobelia	Primula	Valeriana
Aquilegia	Chrysanthemum	Galega	Lupinus	Pyrethrum	Verbena
Arabis	Coreopsis	Gaura	Lychnis	Ranunculus	Verbasum
Asperula	Cowslip	Geum	Matricaria	Rocket	Veronica
Aster	Delphinium	Grasses	Nierembergia	Romneya	Viola
Aubrietia	Dictamnus	Gypsophila	Pansies	Rudbeckia	Violet
Auricula	Dianthus	Helenium	Pentstemon	Salvia	Wallflower

Description and prices of any of the above seeds will be found on pages 8 to 30.



## MARSHALL'S VEGETABLE SEEDS

With General Directions for Cultivation

We give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds, plants or bulbs we sell, and we will not be in any way responsible for them. If the purchaser does not accept the goods on these terms, they are to be returned at once.

W. E. MARSHALL & CO., Inc.

### ARTICHOKE

*One ounce will sow 100 feet of row, and produce about 500 plants.*

A rich, sandy loam is best adapted for this plant. The seed should be sown in drills  $1\frac{1}{2}$  inches deep and 1 foot apart. Transplant to rows 3 feet apart. They reach maturity the second year. Protect in Winter by a covering of leaves or coarse manure.

**Large French Globe.** Heads large, fleshy and of rich flavor. Pkt. 25c.,  $\frac{1}{2}$  oz. 60c., oz. \$1.00.

### ARTICHOKE PLANTS

**Large French Globe.** Plants ready for shipment after April 1st. Doz. \$2.50, 100 \$20.00.

**Jerusalem.** Grown for the tubers, which resemble Potatoes, and are cultivated in a similar manner, but the rows should be at least 4 feet apart. Qt. 40c., peck \$2.50.

### ASPARAGUS

*One ounce will produce about 200 plants.*

Sow in Autumn or in Spring as soon as the soil is in good working condition. At one or two years transplant to permanent beds.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
<b>Conover's Colossal.</b> Very prolific and tender.....	\$0.10	\$0.20	\$0.45
<b>Palmetto.</b> A fine variety, producing large, green Asparagus .....	.10	.20	.45
<b>Giant Washington.</b> A rust resistant variety, with long, dark green stalks.....	.10	.50	1.50

### ASPARAGUS ROOTS

*It requires 100 plants for a single row of 150 feet.*

**Culture.**—The permanent bed should be trenched or ploughed very deeply, and well manured with rich, thoroughly decayed manure. Set the plants 18 inches apart in rows, carefully spreading out and separating the roots and deep enough to admit of the top of the plants being covered 6 inches. In November the plants should have their annual top-dressing of manure after the stalks have been cleared away.

	100	1000
<b>THREE-YEAR-OLD ROOTS</b>		
<b>Palmetto.</b> Large, bright green.....	\$3.00	\$25.00
<b>Conover's Colossal.</b> Deep green.....	3.00	25.00
<b>Washington.</b> Dark green.....	4.50	40.00
<b>TWO-YEAR-OLD ROOTS</b>		
<b>Palmetto</b> .....	\$0.60	\$2.00
<b>Conover's Colossal</b> .....	.60	2.00
<b>Washington</b> .....	1.00	3.00
		25.00



Asparagus

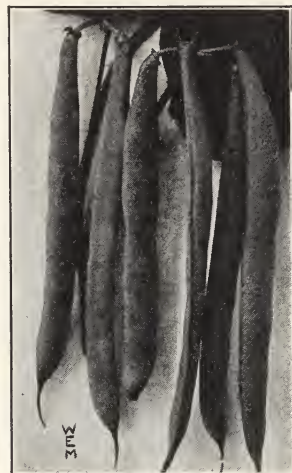
## BEANS

Beans like a well drained, rich and light loam. Plant about the middle of April when warm and favorable, and at intervals throughout the season for a succession, until the latter part of August. Bush varieties should be planted in drills 2 feet apart, and from two to six plants to the foot in a row. Keep them well cultivated and draw the earth up to the stem. For String Beans gather the pods as soon as fit for use.

### DWARF SHELL BEANS

Sow in drills 2 feet apart as soon as warm weather has set in; soil should be light and rich; covering beans with about 2 inches of soil.

	½ pt.	Pt.	Qt.	4 qts.
<b>Boston Pea or Navy.</b> Used when dry for cooking purposes .....	\$0.20	\$0.30	\$0.60	\$2.00
<b>Red Kidney.</b> Similar to White Kidney, except the beans are deep red.....	.20	.30	.60	2.00
<b>White Kidney.</b> Excellent Shell, or String Bean.....	.20	.30	.60	2.00
<b>White Marrow.</b> For use in a dry state in Winter, or as a String Bean.....	.20	.30	.60	2.00
<b>English Green Windsor.</b> A nutritious, large Bean growing 3 feet high on stiff stems. Should be planted very early.....	.25	.45	.90	3.25

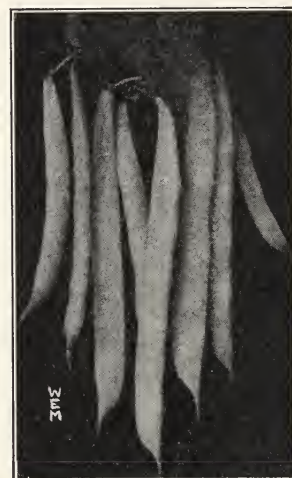


Bountiful

### DWARF GREEN-PODDED BEANS

*One quart will plant 150 feet of drill.*

	½ pt.	Pt.	Qt.	4 qts.
<b>Black Valentine.</b> Long, round, solid green pods; very early. A popular bean.....	\$0.25	\$0.45	\$0.90	\$3.50
<b>Bountiful.</b> Early, very prolific and long bearing; flat, green pods, tender and stringless.....	.25	.45	.90	3.0
<b>Canadian Wonder.</b> Large, green pods. Fine for table or exhibition.....	.25	.50	1.00	3.75
<b>Extra Early Refugee.</b> Two weeks earlier than the Late Refugee; very prolific, long, round pods .....	.25	.40	.80	3.00
<b>Extra Early Red Valentine.</b> One of the earliest. Round, thick, solid pods.....	.25	.40	.80	3.00
<b>Full Measure.</b> A fine stringless bean with round, straight green pods.....	.25	.40	.80	3.00
<b>Giant Stringless Green Pod.</b> This Bean is absolutely stringless. The pods are round and full .....	.25	.40	.80	3.00
<b>Longfellow.</b> Long, straight, round, solid green pods; very early.....	.25	.40	.80	3.00
<b>Masterpiece.</b> This bean is well named as it is a masterpiece in this section of vegetables. Round, firm, straight, stringless pods of luscious flavor. Superb for forcing and exhibition .....	.40	.75	1.50	5.00
<b>Refugee, Late, or 1000 to 1.</b> Medium to late; very productive and tender. Largely grown for main crop; round pod.....	.25	.40	.80	3.00
<b>Stringless Green Pod (Burpee's).</b> An early, round, green-podded Bean; stringless, remains tender and crisp.....	.25	.40	.80	3.00



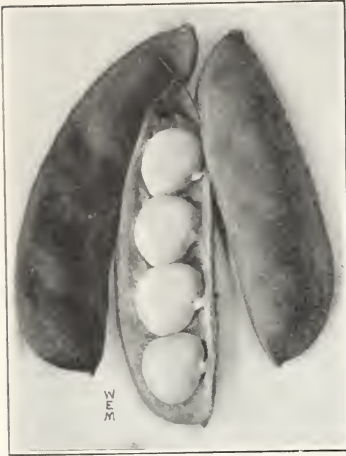
Hodson Wax

### DWARF WAX-PODDED BEANS

	½ pt.	Pt.	Qt.	4 qts.
<b>Black Wax, Currie's Rust-Proof.</b> Large, flat pods; early.....	\$0.25	\$0.40	\$0.80	\$3.00
<b>Brittle Wax, or Round Pod Kidney Wax.</b> Round podded, stringless.....	.25	.40	.80	3.00
<b>Golden Wax, Improved.</b> Very early; flat pods, long, stringless.....	.25	.40	.80	3.00
<b>Golden Scimitar, or Pencil-Pod Black Wax.</b> Long, round, yellow, stringless pods.....	.25	.40	.80	3.00
<b>Hodson Wax (Valentine Wax).</b> Handsome, thick, flat, yellow pods. Free from blight and rust. Heavy bearer.....	.25	.40	.80	3.00
<b>Refugee Wax.</b> A Refugee with long, round, wax pods; stringless.....	.25	.40	.80	3.00
<b>Wardwell's Kidney Wax.</b> Early; long, straight, flat, wax, stringless pods.....	.25	.40	.80	3.00



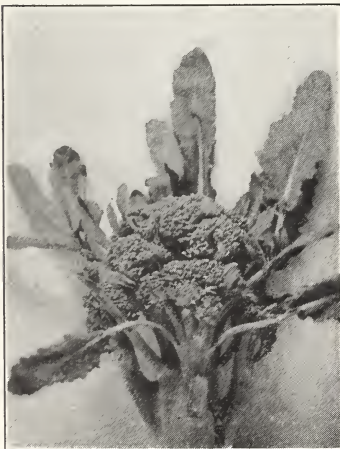
Masterpiece



Fordhook Lima



Brussels Sprouts



Broccoli Green Heading

## DWARF, OR BUSH LIMA BEANS

	$\frac{1}{2}$ pt.	Pt.	Qt.	4 qts.
<b>Burpee's Improved Bush Lima.</b> A bush form of the large, flat Pole Lima.....	\$0.30	\$0.50	\$1.00	\$3.50
<b>Dreer's Bush Lima.</b> Round, thick Beans; very prolific.....	.25	.45	.90	3.25
<b>Fordhook Bush Lima.</b> It is of erect habit; Beans very large, and heavy cropper....	.30	.50	1.00	3.75
<b>Henderson's Bush Lima, or Dwarf Sieva.</b> Very early small type with pods about 3 inches long.....	.25	.45	.90	3.25
<b>Wilson's Improved Bush Lima.</b> A week to ten days earlier than Burpee's, more productive but not quite so large.....	.30	.50	1.00	3.50

## POLE, OR RUNNING BEANS

Sow from the 1st of May (for all except Limas) to the latter part of May, in hills 4 feet each way. Limas should not be planted until warm weather has fairly set in. One quart of Limas will plant about 100 hills, allowing four or five beans to a hill, and of the smaller sorts about 200 hills. Poles 8 to 10 feet long should be firmly set in the hills before planting seed. Set poles 4 feet apart each way, and plant 4 to 6 beans about 1 inch deep around each pole. Thin out to three plants to a pole if the soil is rich; pinch off the ends of plants when they overrun the top of the poles, to effect more perfect growth below.

	$\frac{1}{2}$ pt.	Pt.	Qt.	4 qts.
<b>Carpenteria Lima.</b> The beans have a greenish tint; vines vigorous and very productive. A perfect Lima bean.....	\$0.25	\$0.40	\$0.80	\$3.00
<b>Challenger Lima.</b> Thick and productive. Best of all.....	.25	.40	.75	2.50
<b>Large White Lima.</b> One of the best shell beans grown. Matures in 90 days; very popular. Our seeds are extra selected....	.25	.40	.75	2.50
<b>Leviathan Lima, or Early Jersey.</b> The earliest variety of pole Lima. Produces pods in clusters. A good variety where the season is short.....	.25	.40	.80	3.00
<b>Marshall's Giant-Podded Pole Lima.</b> A rapid growing, very large podded variety. The beans are extra large and thick....	.30	.50	1.00	3.50
<b>Small Sieva, or Carolina Lima.</b> Small size; early and prolific.....	.25	.40	.80	3.00
<b>Horticultural Pole.</b> Good as a snap or shelled Bean.....	.25	.45	.85	3.00
<b>Ideal Market Pole.</b> The earliest and most prolific, round, green podded, stringless bean.....	.25	.40	.80	3.00
<b>Kentucky Wonder (Old Homestead).</b> Pods green, very long and flat.....	.25	.40	.80	3.00
<b>Kentucky Wonder Wax.</b> Very early, long, thick, fleshy pods.....	.25	.40	.80	3.00
<b>Scarlet Runner.</b> A popular English pole bean; very ornamental.....	.25	.40	.80	3.00
<b>Tender and True (Sutton's).</b> Long straight green pods, excellent for culture under glass.....	.50	1.00	1.75	...

**Inoculate This Seed With STIMUGERM**

The use of "Stimugerm" when planting Beans will increase your yields.  
Sm. size 25c.,  $\frac{1}{2}$  bus. size 35c., 1 bus. size 60c.

## BROCCOLI OR CALABRESE

(For Cultural Directions, see Cauliflower.)

	Pkt.	Oz.	$\frac{1}{4}$ lb.
<b>White Cape.</b> Heads compact and of a creamy white color.....	\$0.10	\$0.75	\$2.50

**Marshall's Green Heading.** This luscious and nutritious vegetable should be in every garden. It ranks at the top of the list of health giving vegetables. Our strain forms branching plants with small heads. Matures in September and later.....

	Pkt.	Oz.
.....	.25	2.50

## BRUSSELS SPROUTS

One ounce will produce about 2000 plants.

Sow in May in shallow drills 1 inch deep and 12 inches apart; transplant in July. A very hardy, delicious vegetable which should find a place in every garden; greatly improved by hard frosts.

	Pkt.	$\frac{1}{2}$ oz.	Oz.	$\frac{1}{4}$ lb.
<b>Marshall's Exhibition.</b> The finest variety of all the Brussels Sprouts. Very large and of superior quality.....	\$0.10	\$0.50	\$1.00	\$3.00
<b>Long Island Improved.</b> Solid, round sprouts of the best quality.....	.10	.30	.60	2.00



Beet Detroit



Cabbage Flat Dutch



Cabbage Savoy Exhibition

## BEET

*One ounce will sow 150 feet of drill.*

For early supply sow as soon as the ground is in working order, in drills 1 foot apart and 2 inches deep. For main crop sow the second week in May, and for Winter use sow in June. When the plants are well forward thin out to about 9 inches apart. The young Beets, with their tops, pulled out of the row, are excellent, used as Spinach.

	Pkt.	Oz.	¼ lb.	Lb.
<b>Early Blood Turnip.</b> The leading early sort; also fine for late use.....	\$0.10	\$0.20	\$0.60	\$1.50
<b>Early Eclipse.</b> Very early; dark blood color; small top.....	.10	.20	.60	1.50
<b>Extra Early Egyptian.</b> The best for first crop out of doors. The root is very dark red, flat.....	.10	.20	.60	1.50
<b>Crosby's Egyptian.</b> Extra early, round, dark red.....	.10	.20	.60	2.00
<b>Crimson Globe.</b> Fine globular shape; flesh deep purple; fine quality.....	.10	.20	.60	1.50
<b>Detroit Dark Red Turnip.</b> Round; skin dark blood red; flesh bright red.....	.10	.20	.60	2.00
<b>Long, Smooth Blood.</b> A prolific variety, very dark in color.....	.10	.20	.60	1.75
<b>Marshall's Dark Leaved Globe.</b> Perfect globe-shape, dark texture and leaf.....	.10	.30	.75	2.50
<b>Marshall's Exhibition Globe.</b> Very carefully selected stock. Dark red and the finest shaped Globe variety.....	.10	.30	.75	2.50
<b>Sutton's Globe, or Model.</b> A perfect globe-shaped variety.....	.10	.30	.75	2.50
<b>Swiss Chard.</b> (See page 42.)				

## MANGEL-WURZEL AND SUGAR BEET

*Sow 6 to 8 pounds per acre.*

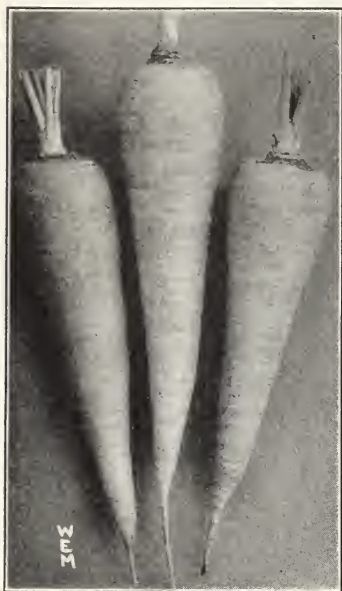
	¼ lb.	Lb.
<b>Champion Yellow Globe.</b> Bright orange color; globe-shaped and of excellent quality.....	\$0.30	\$0.75
<b>Giant Sludstrup.</b> Color reddish-yellow. Roots intermediate in length.....	.30	.75
<b>Golden Tankard.</b> An enormous yielder per acre. Flesh deep yellow.....	.30	.75
<b>Mammoth Long Red.</b> The largest and heaviest cropper of all the Mangels.....	.30	.75

## CABBAGE

*One ounce will produce 3000 plants.*

For early use, sow the seeds in hotbeds in February or March. Transplant as soon as the ground can be worked, in rows 2 feet apart, and the plants 18 inches apart in the rows. For late or Winter use, sow the seed in May.

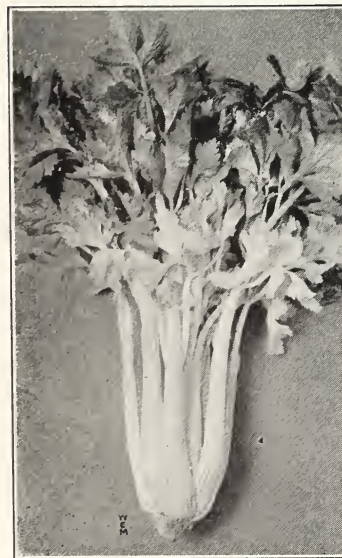
	Pkt.	½ oz.	Oz.	¼ lb.	Lb.
<b>Marshall's Baby Head.</b> Small, round, solid heads; fine for forcing or early use.....	\$0.10	\$0.60	\$1.00	\$3.00	
<b>Marshall's First Crop.</b> An ideal variety for the private garden, producing solid pointed heads earlier than any other variety.....	.25	.60	1.00	3.00	
<b>Autumn King.</b> One of the finest late varieties.....	.10	.40	.70	2.50	
<b>Charleston Wakefield.</b> Large conical heads. The best second early variety....	.10	.60	1.00	3.00	
<b>Chinese Chihli.</b> The earliest and most sure heading variety. Long, solid, white heads two feet in length.....	.10	.40	.70	2.50	
<b>Copenhagen Market.</b> Very early, round head; short stemmed.....	.10	.40	.70	2.50	
<b>Danish Ball Head.</b> Very round; solid Winter sort. A fine shipper.....	.10	.40	.70	2.50	
<b>Early Flat Dutch.</b> A second early Cabbage; large solid heads.....	.10	.40	.70	2.50	
<b>Early Spring.</b> An extra early Cabbage with a round, flat head.....	.10	.50	1.00	3.00	
<b>Early Jersey Wakefield.</b> Standard early variety, conical shape; few outside leaves.....	.10	.40	.70	2.50	
<b>Improved Early Summer.</b> A superior second early sort.....	.10	.40	.70	2.50	
<b>Large Late Flat Dutch.</b> The heads are large and solid, with few outer leaves.....	.10	.40	.70	2.50	
<b>Late American Drumhead.</b> One of the largest and best keeping varieties. Fine keeper.....	.10	.40	.70	2.50	
<b>Succession.</b> A week later than Early Summer. Large, solid heads.....	.10	.50	1.00	3.00	
<b>Savoy Marshall's Exhibition.</b> Medium sized heads and matures early. The best variety for private use.....	.10	.40	.75	2.50	
<b>Savoy Perfection Drumhead.</b> A large improved strain. Strong and vigorous grower.....	.10	.40	.70	2.50	
<b>Red Haco.</b> The earliest of all red cabbages. Round, solid uniform heads.....	.10	.60	1.00	3.00	
<b>Mammoth Rock Red.</b> The largest red Cabbage; color deep red.....	.10	.40	.75	2.50	
<b>Red Stonehead.</b> Medium size, but very solid heads.....	.10	.40	.75	2.50	



Carrot, Long Red Surrey



Cauliflower, Snowball



Celery, Golden Plume

## CARDOON

**Large Solid.** Grows about 4 feet high; leaves nearly free from spines. Pkt. 10c., oz. 35c.

## CARROTS

*One ounce will sow 200 feet of row.*

For early crops sow as soon as the ground can be worked, and for later crops from the beginning until the end of May, in rows 15 inches apart and  $\frac{1}{2}$  inch deep. Thin out the young plants to 5 inches.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
<b>Early French Forcing.</b> Tender and fine, best for early crops and frames.....	\$0.10	\$0.50	\$1.50	\$4.00
<b>Early Scarlet Horn.</b> Very thick roots; fine for frames.....	.10	.25	.75	2.50
<b>Chantenay Half Long Stump.</b> Style of Nantes, broader shoulder.....	.10	.25	.70	2.00
<b>Danvers Half Long.</b> Good-quality, large; and productive. A popular sort.....	.10	.25	.70	2.00
<b>Half Long Stump-rooted, Nantes Strain.</b> Very popular.....	.10	.25	.70	2.00
<b>Long Orange.</b> For garden and field crops this is the best variety.....	.10	.25	.70	2.00
<b>Long Red Surrey.</b> Long tapering, smooth skin, orange-red roots.....	.10	.30	1.00	3.00
<b>Marshall's Exhibition.</b> A superb intermediate variety; skin clear, bright red color.....	.10	.30	1.00	3.00
<b>Marshall's Intermediate.</b> Fine exhibition variety.....	.10	.30	1.00	3.00
<b>Oxheart</b> (Guerande). Very thick and short, very sweet.....	.10	.25	.70	2.25
<b>White Belgium.</b> Very large; for stock.....	.10	.20	.50	1.50

## CAULIFLOWER

*One ounce of seed produces about 3000 plants.*

By sowing the early varieties in a hotbed in February or March, or later in a coldframe, fine heads can be obtained quite early. When large enough transplant, making the rows about  $2\frac{1}{2}$  feet apart and 18 inches between the plants. Transplanting should be done in moist weather.

	Pkt.	$\frac{1}{4}$ oz.	Oz.
<b>Marshall's First and Best.</b> The earliest and most solid heading variety grown. Large snow-white heads.....	\$0.50	\$3.00	\$10.00
<b>Earliest Dwarf Erfurt.</b> The best and earliest for forcing under glass; very dwarf.....	.50	1.50	5.00
<b>Marshall's Extra Early Snowball.</b> One of the best for forcing or open ground.....	.25	1.25	4.00
<b>Dry Weather.</b> Especially adapted for long, dry seasons.....	.25	1.50	5.00
<b>Extra Early Paris.</b> Heads of medium size; first class.....	.10	.50	1.50
<b>Autumn Giant.</b> Large, vigorous grower and late.....	.20	.50	1.50
<b>Algiers.</b> An extra fine, late variety.....	.10	.50	1.50
<b>Market Garden.</b> A large variety of the Erfurt type, solid white heads. A popular late sort..	.10	.75	2.50

## CELERY

*One ounce will sow about 300 feet of row and produce about 5000 plants.*

Sow in the open border early in April, in rich ground. When the plants are 3 inches high transplant 4 inches apart into temporary beds of soft, rich soil until they acquire sufficient strength for planting out. Plant in rows 3 feet apart and set 8 inches apart in the rows. About the middle of August earthing up is necessary for blanching and whitening of that which is wanted for early use.

	Pkt.	$\frac{1}{2}$ oz.	Oz.
<b>Easy Blanching.</b> Blanches very easily, medium dwarf, good flavor and a fine keeper.....	\$0.15	\$0.60	\$1.00
<b>Emperor or Fordhook.</b> Dwarf, with large, light yellow heart; very crisp and good keeper.....	.15	.60	1.00
<b>Fin de Siecle.</b> The best keeping Winter Celery.....	.10	.35	.60
<b>Giant Pascal.</b> The stalks are solid and crisp; golden yellow heart.....	.10	.35	.60
<b>Golden Dwarf or Golden Heart.</b> A distinct variety; crisp, solid; fine flavor.....	.10	.35	.60
<b>Golden Self-Blanching.</b> French grown; crisp, tender and of fine flavor.....	.25	.60	1.00
<b>Market Red.</b> Large and solid. Fine table variety.....	.10	.35	.60
<b>Marshall's Golden Plume.</b> Two to three weeks earlier than any other variety. Blanches easily, solid heart; sweet, crisp and tender.....	.25	1.50	3.00
<b>Marshall's White Plume.</b> A valuable early variety. Requires very little blanching.....	.10	.50	.75
<b>Winter Queen or Schumacher.</b> Very large; solid green, Winter variety; blanches well.....	.10	.50	.75

**CELERIAC,**or TURNIP-ROOTED  
CELERY

Grown mostly for its bulbous roots, which may be stored like Beets for Winter use.

	Pkt.	½ oz.	Oz.
<b>Giant Prague.</b> The finest variety. Very large roots which are almost round.....	\$0.10	\$0.25	\$0.40

**CHERVIL**

The Curled Chervil is cultivated like Parsley and used for garnishing and flavoring soups and salads.

	Pkt.	Oz.	¼ lb.
<b>Curled Chervil.</b> The young leaves are used for flavoring soups and salads.....	\$0.10	\$0.40	\$1.25

**CHICORY**

<b>Large-Rooted Magdeburg.</b> Used to mix with or as a substitute for coffee.....	.10	.50	1.50
<b>Witloof, or French Endive.</b> The stalks when blanched are used for salad.....	.10	.50	1.50
<b>CHICORY ROOTS.</b> Strong for forcing. Doz., \$1.00; 100, \$7.00.			

**COLLARDS**

Sow seeds, as for Cabbage, in June, July and August, for succession. Transplant when a month old in rows a foot apart each way, and hoe often.

**Georgia.** Cabbage greens used as a substitute for Cabbage. Pkt. 10c., oz. 25c., ¼ lb. 60c.

**CORN SALAD, OR FETTICUS**

*One ounce will sow 150 feet of drill.*

Sow in September in drills 8 inches apart, covering the seeds lightly, and protect from frost by light covering of hay and litter. The seed may be sown in Spring.

**Large-Seeded.** The most popular variety grown. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.00.

**CORN, SWEET**

*One quart will plant 200 hills.*

Plant in hills 3 feet apart each way, dropping five or six kernels in each hill, or in rows 3 feet apart, and the plants thinned out to 8 or 9 inches in the row. From May until the middle of July a succession planting can be made every two or three weeks, and a continued supply can be had until frost kills the plants.

	½ pt.	Pt.	Qt.	4 qts.
<b>Marshall's Earliest of All.</b> One of the earliest Sweet Corns. Ears 6 to 7 inches long, with white grains. Height of stalk about 4 feet.....	\$0.20	\$0.40	\$0.75	\$2.50
<b>Charlevoix.</b> An early yellow variety. Ears about 7 inches long, eight-rowed; very fine flavor.....	.20	.40	.70	2.50
<b>Early Mayflower.</b> One of the earliest white-seeded varieties. Long, well filled ears....	.20	.40	.70	2.50
<b>Golden Bantam.</b> Extra early; yellow, very sweet and tender.....	.20	.40	.70	2.50
<b>Golden Giant.</b> A cross between Golden Bantam and Howling Mob. Medium growth. Ears 8 inches long.....	.20	.40	.75	2.50
<b>Golden Rod.</b> Very early, golden grains and sweet flavor.....	.20	.40	.70	2.50

<b>Golden Sunshine.</b> An improved Golden Bantam with 12 rows of luscious corn to each ear. Cobs measure 6½ inches long. Earliest of the yellow corn.....	.20	.40	.75	2.50
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<b>Howling Mob.</b> An early variety of large size ears; white, sweet grains.....	.20	.40	.70	2.50
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**SECOND EARLY**

<b>Early Evergreen.</b> Ripens about 10 days earlier than Stowell's Evergreen.....	.20	.40	.70	2.25
<b>Metropolitan.</b> Large, handsome ears of fine quality .....	.20	.40	.70	2.25

**GENERAL AND LATE**

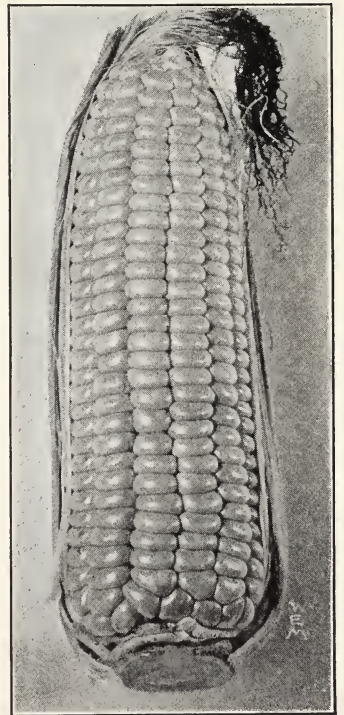
<b>Black Mexican.</b> The sweetest and most delicious variety grown.....	.20	.40	.70	2.25
<b>Country Gentleman.</b> Ears medium size; deep grains in irregular rows on cob and deliciously sweet.....	.20	.40	.70	2.25
<b>Stowell's Evergreen.</b> The most popular variety grown; ears large and very sweet. The seed we offer has been carefully grown and selected.....	.15	.25	.50	1.75
<b>POP-CORN, White Rice.</b> Shelled. Lb., 30c.				



Celeriac, Giant Prague



Chicory, Witloof



Sweet Corn, Golden Sunshine

## CRESS, OR PEPPERGRASS

*One ounce will sow 150 feet of drill.*

A popular salad which should be sown early in the Spring very thickly in shallow drills and at short intervals for succession, as it soon runs to seed.

	Pkt.	Oz.	¼ lb.	Lb.
<b>Extra Curled.</b> The best variety grown; leaves are beautifully cut and curled; highly prized for garnishing.....	\$0.10	\$0.20	\$0.50	\$1.50
<b>Upland, or Broad-leaved Winter.</b> A garden substitute for Water Cress; crisp, tender and perfectly hardy.....	.10	.20	.50	1.50
<b>True Water Cress.</b> Water Cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it. ....	.25	.75	2.50	...

## CUCUMBERS

*One ounce to 60 hills, 2 to 3 pounds to one acre.*

For very early use seed may be started in heat and the plants set out in May. Pieces of inverted sod are an excellent medium for starting and growing early Cucumber plants, as they can readily be lifted from the hotbed to the garden without disturbing the young plants growing upon them. For main crop plant in hills 4 feet apart at the end of May. Keep the young plants safe from the striped bug dusting with dry plaster or powdered Hellebore. Leave four strong plants to each hill.

	Pkt.	Oz.	¼ lb.
<b>Cool and Crisp.</b> A strain of White Spine; flesh peculiarly crisp and tender.....	\$0.10	\$0.25	\$0.75
<b>Davis' Perfect.</b> An excellent variety both for outdoors and forcing purposes.....	.10	.25	.70
<b>Early Fortune.</b> Very dark green skin, flesh thick, seed cavity small and excellent quality; for table use or pickles.....	.10	.25	.75
<b>Everbearing.</b> Valuable as a green pickler.....	.10	.25	.70
<b>Extra Long White Spine.</b> Much longer than ordinary White Spine; very prolific.....	.10	.25	.70
<b>Fordhook Famous.</b> The largest and most handsome garden variety. The skin is a bright green.....	.10	.25	.75
<b>Green Prolific Pickling.</b> Dark green; medium strength; very free bearer.....	.10	.25	.70
<b>Improved Long Green.</b> Long and crisp; a popular variety for pickles.....	.10	.25	.70
<b>Improved White Spine.</b> Early and good for table use or for pickling; of medium length; dark green color and flesh crisp and excellent.....	.10	.25	.70
<b>Japanese Climbing.</b> This is a strong and vigorous grower; fine for pickling.....	.10	.25	.75
<b>Marshall's Longfellow.</b> Dark green color, 10 to 14 inches long. A good forcer.....	.10	.40	1.25
<b>West Indian Gherkin.</b> Used only for pickles; the smallest of all varieties.....	.10	.25	.75

## English Forcing Cucumbers

<b>Covent Garden Favorite</b> .....	Pkt.	\$0.50
<b>Lockie's Perfection</b> .....	Pkt.	.50
<b>Sutton's Matchless</b> .....	Pkt.	.50
<b>Telegraph Improved</b> .....	Pkt.	.50

## DANDELION

The Dandelion affords one of the earliest and most healthful Spring greens or salads.

**Improved French.** Large thick leaves. Pkt. 10c., oz., \$1.25; ¼ lb., \$4.50.

## EGG PLANT

*One ounce will produce about 2000 plants.*

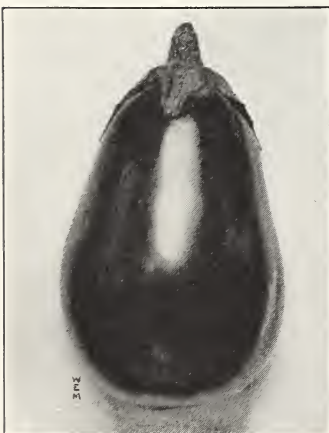
The Egg Plant will thrive well in good garden soil. The seed should be sown in hotbed or warm greenhouse in March or April, and when about an inch high put in 2-inch pots. Plant about June 1st, 2½ feet apart. If no hotbed is at hand they can be grown in any light room when the temperature will average 75 degrees.

	Pkt.	½ oz.	Oz.
<b>Black Beauty.</b> As large as New York Improved but 10 days earlier.....	\$0.10	\$0.40	\$0.80
<b>Long Purple.</b> Fruit longer and smaller than the above sort; hardy, productive.....	.10	.40	.75
<b>New York Improved.</b> Purple; the best variety; very large, oval, heavy fruit.....	.10	.40	.75

**FREE DELIVERY.** We deliver vegetable and flower seeds when cash accompanies your order.



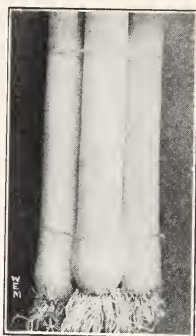
Cucumber, Longfellow



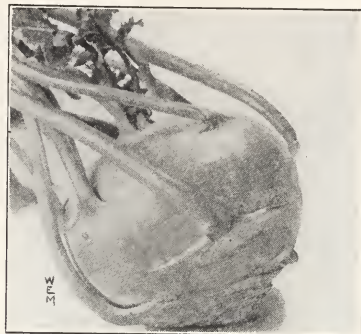
Egg Plant, New York Improved



Endive Broad Leaved



Leek Giant



Kohl-Rabi White Vienna

## ENDIVE

*One ounce of seed for 100 feet of drill.*

One of our best salad plants. For a first crop sow about the middle of April; for succession small sowings may be made every month till August, when the main planting is made. Set out the plants 1 foot apart in rows and when well grown blanch by folding the leaves.

	Pkt.	Oz.	¼ lb.
<b>Broad-leaved</b> (Escarolle). Leaves long and broad; thick and succulent.....	\$0.10	\$0.35	\$1.00
<b>Green Curled.</b> Hardy, finely curled; easily blanched. One of the best.....	.10	.35	1.00
<b>White Curled.</b> Blanches rapidly; excellent and very tender.....	.10	.35	1.00

## HORSE RADISH SETS

If planted in early spring, roots of sizeable size may be had by midsummer. Plant the roots in well fertilized soil about one foot apart and three inches deep. If space is a consideration, they may be planted between the rows of other low growing crops.

**New Bohemian.** A new variety which produces roots of enormous size and succeeds in every soil. Doz., 50c.; 100, \$2.00.

## KALE, OR BORECOLE

*One ounce will sow 150 feet of drill.*

Sow about the middle of April in prepared beds, covering thinly and evenly; plant out in June following the directions recommended for cultivating Cabbage.

	Pkt.	Oz.	¼ lb.
<b>Curled Dwarf Green Scotch.</b> Very dwarf and spreading; best strain.....	\$0.10	\$0.35	\$1.00
<b>Marshall's Exhibition Curled.</b> Closely curled leaves.....	.10	.60	2.00
<b>Curled Siberian Improved.</b> Uniformly dwarf; green curled; hardy.....	.10	.30	1.00

## KOHL-RABI

*One ounce will sow 300 feet of row.*

This delicious vegetable should be in every vegetable garden. It forms a bulb at the base of the stem above the ground. Successive sowings should be made throughout the season and good cultivation is necessary. Use the bulbs of Kohl-rabi when they are about the size of an apple as they become hard and stringy if grown too long.

	Pkt.	½ oz.	Oz.	¼ lb.
<b>Early White Vienna.</b> Very early and should be used before being fully grown. Flesh white with greenish white skin.....	\$0.10	\$0.25	\$0.50	\$1.50
<b>Early Purple Vienna.</b> Similar to the preceding, except in color.....	.10	.25	.40	1.25

## LEEK

*One ounce will sow 200 feet of drill.*

The leek is very hardy and easily cultivated; it succeeds best in light but well enriched soil. Sow as early in the Spring as practicable, in drills 1 inch deep and 1 foot apart. When 6 to 8 inches high transplant in rows 10 inches apart each way, as deep as possible, that the neck, being covered, may be blanched.

	Pkt.	Oz.	¼ lb.
<b>Marshall's Giant.</b> The largest and best Leek for exhibition. Highly recommended as the choicest variety in cultivation, of a mild and delicious flavor.....	\$0.10	\$0.80	\$2.50
<b>Large American Flag.</b> The most desirable for market or family use.....	.10	.30	1.00
<b>Musselburgh, or Carentan.</b> A very large variety of superior quality.....	.10	.30	1.00

**Semesan** is the most effective all-purpose disinfectant on the market. The use of this compound, either in dust or liquid form, not only provides control of disease, but hastens and improves seed germination. Its use provides vigorous growth in the seedling stage, thereby insuring sturdier plants and, as a result, heavier and better production.

**Semesan** controls organic diseases such as "damping off" and "stem rot." If you have had only fair success with your gardening activities try **Semesan** and you will always use it. Descriptive booklets on request.

Prices: 2 oz. 60c., 1 lb. \$2.75, 5 lbs. \$13.00. Postage extra.



# LETTUCE

*One ounce will sow 200 feet of drill.*

Sow in the open ground as early as possible, barely covering the seed. If the hotbed is used let it be started quite early. Give but little heat and plenty of water and air on fine days. Let plants in the beds be about 4 inches apart. As they increase in size thin them out or they will become weak. Plant for late use in a cool, partially shaded place in rich soil.

## CURLED, or LOOSE-LEAVED VARIETIES

	Pkt.	Oz.	¼ lb.
<b>Early Curled Simpson.</b> One of the earliest and best for market.....	\$0.10	\$0.30	\$1.00
<b>Grand Rapids.</b> This is regarded as the best forcing loose-leaved variety.....	.10	.30	1.00

## CABBAGE, or HEADING VARIETIES

<b>All Heart.</b> A beautiful yellowish green head Lettuce. Withstands intense heat....	.10	.35	1.00
<b>All Seasons.</b> Large, handsome, extremely solid head; color a light grayish green...	.10	.30	1.00
<b>Boston Market</b> (White Seed Tennisball). Solid, crisp and compact. One of the best for forcing.....	.10	.35	1.00

<b>Big Boston.</b> Fine for forc- ing in coldframes or for open ground.....	Pkt.	Oz.	¼ lb.
	\$0.10	\$0.35	\$1.00

<b>Crisp as Ice.</b> Medium size, compact head, outer leaves tinged dark brown .....	.10	.35	1.00
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<b>Deacon.</b> A splendid variety for standing the Summer heat; large, solid head .....	.10	.35	1.00
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<b>Giant Crystal Head, or Iceberg.</b> Large, solid outside leaves bright green, inside white...	.10	.35	1.00
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<b>Golden Queen.</b> A good forcing variety of a golden yellow color; heads solid.....	.10	.50	1.50
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<b>Hanson Improved.</b> Heads large, hearts quickly, and stands the Summer well.....	.10	.35	1.00
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<b>Marshall's Royal Summer.</b> A large butter head, with thick leaves, dark green tinged and spotted brown. The inside of head is a rich yellow .....	.10	.60	2.00
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Lettuce, Marshall's Matchless

**Marshall's Matchless.** This lettuce is now conceded by criterions to be the finest lettuce introduced in many years. It is a cross between a head variety and the cos type. It forms a loose leaved head and its delicacy and flavor put it in a class of its own. If you have room for only one kind of lettuce we strongly recommend our Matchless. Per pkt., 25c.; per oz., \$1.00.

<b>May King.</b> Extra large, solid heads; light green outside, with clear yellow heart; very tender and of fine flavor; splendid forcer.....	Pkt.	Oz.	¼ lb.
	\$0.10	\$0.35	\$1.00
<b>Mignonette.</b> Distinct russet colored; very solid and compact.....	.10	.35	1.00
<b>New York, or Wonderful.</b> Large, solid heads; inside very white.....	.10	.50	1.50
<b>Tennis Ball (Black-Seeded or Salamander).</b> A very distinct head with few outer leaves .....	.10	.35	1.00
<b>Way Ahead.</b> The leaves are light green, heads blanched to a rich yellow tint.....	.10	.35	1.00
<b>Wheeler's Tom Thumb.</b> A splendid forcing variety.....	.10	.75	2.00
<b>White Summer Cabbage.</b> A fine Summer variety; heads of good size.....	.10	.35	1.00

## ROMAINE, or COS VARIETIES

These are distinct from the ordinary Lettuce, and much liked on account of their crisp, tender quality. They produce long, narrow leaves, blanched by drawing in the outer leaves and tying.

	Pkt.	Oz.	¼ lb.
<b>Eclipse Cos.</b> A perfectly distinct variety. It is the dwarfest Cos Lettuce.....	\$0.10	\$0.60	\$2.00
<b>Paris White, or Trianon Cos, Romaine.</b> One of the finest varieties for Summer use..	.10	.35	1.00

**FREE DELIVERY.** We deliver vegetable and flower seeds when cash accompanies your order.

## MELON, MUSK

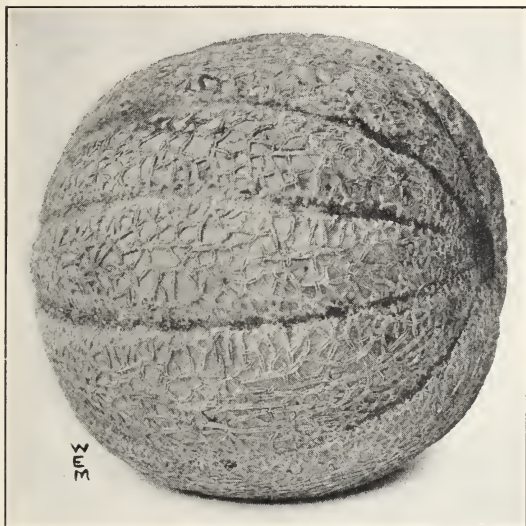
*One ounce will plant 60 hills.*

After all danger of frost is over and the ground has become warm and dry, plant in hills 4 to 6 feet apart each way, 6 to 12 seeds to a hill. When up and all danger of insects has passed, pull out all but three plants. Cultivate until the vines cover the ground.

	Pkt.	Oz.	¼ lb.
<b>Emerald Gem.</b> Small, early; dark green skin, orange flesh; very sweet.....	\$0.10	\$0.30	\$1.00
<b>Field's Daisy.</b> Rich orange flesh resembling Emerald Gem but is larger, with thicker flesh and better flavor.....	.10	.40	1.25
<b>Fordhook.</b> The flesh is very thick, of a deep salmon color.....	.10	.30	1.00
<b>Hackensack.</b> Large, round and good quality.....	.10	.30	1.00

<b>Harute.</b> An outstanding melon which we recommend very highly. Solid firm flesh and of a pale yellow when ripe. The flavor is superb. A luscious fruit which should be better known.....	.25	.75	2.50
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<b>Honey Dew.</b> Large, round to oval in shape, skin smooth, hard and nearly white, flesh light green. Excellent flavor.....	.10	.40	1.25
<b>Jenny Lind.</b> Small, green fleshed; very early; good quality.....	.10	.30	1.00
<b>Long Island Beauty.</b> The earliest and finest in quality; green flesh.....	.10	.30	1.00
<b>Marshall's Surprise.</b> A very delicious, large salmon fleshed Melon. Shape oblong and rounded at the ends.....	.10	.40	1.25



Musk Melon, Harute

<b>Montreal Market.</b> Large, round netted; flesh thick and light green; late.....	.10	.30	1.00
<b>Osage, or Miller's Cream.</b> A large oval, orange-salmon flesh Melon of superior quality.....	.10	.30	1.00
<b>Rock Ford.</b> Very sweet and fine flavored; oblong; light green flesh.....	.10	.30	1.00
<b>Tip Top.</b> A slightly oval shape and yellow-flesh variety; fine flavor.....	.10	.30	1.00

Melons started under "Hot-kaps" or Melon Frames may be planted much earlier.

### ENGLISH FORCING MELONS

	Per Pkt.
<b>Blenheim Orange.</b> Handsome scarlet flesh, superb flavor.....	\$0.50
<b>Diamond Jubilee.</b> Greenish white flesh, good cropper.....	.50
<b>King George.</b> Scarlet flesh, yellow skin, large, luscious fruits.....	.50
<b>Royal Sovereign.</b> Golden skin, white flesh, very thin rind.....	.50
<b>Sutton's A1.</b> Rich scarlet flesh, large globular fruits, fine flavor.....	.50
<b>Superlative.</b> Flavor exceptionally fine, scarlet flesh round fruits, very productive....	.50

## MELON, WATER

*One ounce will plant about 30 hills.*

Plant in hills as directed for Musk Melons, and treat in all respects the same, except that the hills should be 8 to 10 feet apart.

	Pkt.	Oz.	¼ lb.
<b>Citron.</b> Round and handsome, for preserving; red seed.....	\$0.10	\$0.20	\$0.50
<b>Cole's Early.</b> Medium size; red flesh; green skin.....	.10	.20	.50
<b>Cuban Queen.</b> Solid and heavy; skin marked regularly.....	.10	.20	.50
<b>Fordhook, Early.</b> Flesh bright red; very sweet.....	.10	.20	.50
<b>Hungarian Honey.</b> A very early sort; perfectly round; flesh red.....	.10	.20	.50
<b>Kleckley Sweets.</b> Exceedingly sweet and fine flavored.....	.10	.20	.50
<b>Mountain Sweet.</b> Early, large, oblong, skin dark green, flesh red and sweet. A good variety for northern gardens.....	.10	.20	.50
<b>Tom Watson.</b> Dark green rind with deep red flesh, very large, oblong shape.....	.10	.20	.50

**Mushroom Spawn** (See Page 42)

## MUSTARD

*One ounce will sow 100 feet of drill.*

For early crops the seed may be sown in a hotbed in March, and for general crop at frequent intervals through the Spring, in drills from 8 to 12 inches apart.

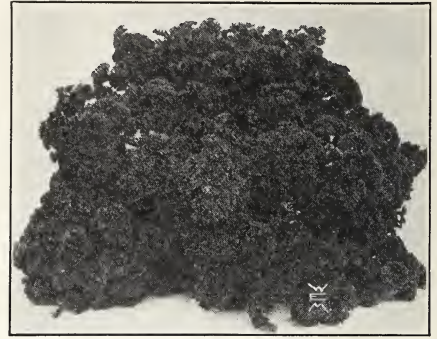
	Pkt.	Oz.	¼ lb.	Lb.
<b>White London.</b> The best variety for salad.....	\$0.10	\$0.20	\$0.40	\$1.25
<b>Giant Southern.</b> Curled. Very large leaves.....	.10	.20	.40	1.25
<b>Fordhook Fancy.</b> A mild variety, used for salads or cooked as Spinach. Leaves dark green.....	.10	.25	.75	2.00



Mushroom



Okra



Parsley Crested Gem

## MUSHROOM SPAWN

*Ten pounds will spawn about 10 feet square.*

Mushroom beds may be made in a warm, dry cellar, or in any building where the frost does not penetrate and in the open air during the Summer and Fall months. Having procured the spawn, the next thing to be attended to is to make preparation for the beds. About two or three weeks before the beds are to be made collect a quantity of fresh horse manure without the straw; place it in a heap under cover, and as it heats keep turning it over once or twice a week, until the fiery heat has become exhausted, which will require from ten to fourteen days' time. When the manure is in a condition to be made up lay out your bed, according to your requirements, say 3 feet wide, 10 feet long and from 2 to 3 feet deep; beat it down well with the back of the spade as the process of building goes on. When the bed has been made some time, say a week or thereabouts, and the heat sufficiently declined to a temperature of 65 or 75 degrees, the spawn may be put into it. Break the spawn in pieces 2 inches square, and put them 6 inches apart, all over the bed; then cover the bed with 2 inches of rich soil. If everything goes on well, you may expect Mushrooms in about five or six weeks. When the soil looks dry give a gentle watering with tepid water, using a rose on the watering pot. Good crops of Mushrooms can be obtained by spawning the hotbeds in Spring.

**Pure Culture Prolific Direct Bricks.** An American-made spawn which produces large crops of large size, deep cream and excellent quality Mushrooms. Per brick, 45c.; 10 bricks for \$3.50; 50 bricks, 15.00.

**Bottle Spawn.** This spawn is very perishable and can only be kept in cold storage. Orders filled from the factory. Per quart bottle, \$1.25; 12 quarts for \$12.00.

## OKRA, OR GUMBO

*One ounce will plant 100 hills.*

This plant is extensively cultivated for its green pods, which are used in soups and stews, and are very wholesome and nutritious. Sow about the middle of May in drills 3 feet apart and thin out the plants to 1 foot apart.

	Pkt.	Oz.	¼ lb.	Lb.
<b>Dwarf Green.</b> Very early; smooth pods.....	\$0.10	\$0.20	\$0.40	\$1.00
<b>Perkin's Long Green.</b> Long ribbed pods; very productive.....	.10	.20	.40	1.00
<b>White Velvet.</b> Tender white pods; smooth and velvety in appearance.....	.10	.20	.50	1.25

## ONIONS AND ONION SETS (See page 43)

## PARSLEY

*One ounce will sow 200 feet of row.*

Sow as early as possible in Spring, first soaking the seed three hours in water; cover lightly, raking the soil fine and level on top. The drills should be about 15 inches apart. The plants appear in two to four weeks. Thin to 3 inches apart.

	Pkt.	Oz.	¼ lb.	Lb.
<b>Marshall's Crested Gem.</b> A very dwarf, compact variety. Intensely curled and very dark green. Best for edging and home garden.....	\$0.10	\$0.50	\$1.50	
<b>Marshall's Dwarf Perfection.</b> A dwarf and compact Parsley of bright green color, exquisitely curled.....	.10	.35	1.00	
<b>Extra Double, or Moss Curled.</b> A beautiful curled dwarf variety.....	.10	.20	.50	
<b>Turnip Rooted.</b> Grown for its roots which are used in flavoring soups.....	.10	.20	.50	
<b>Plain.</b> A plain-leaved variety; fine for flavoring.....	.10	.20	.50	

## PARSNIP

*One ounce will sow 200 feet of drill.*

Sow Parsnip seed as early in the Spring as the weather will permit, in drills from 15 to 18 inches apart, covering with fine soil to the depth of half an inch. The soil should be rich and deep; manured if possible, the previous Autumn. Thin out the young plants to about 6 inches apart and keep the surface of the ground open and free from weeds. It is perfectly hardy and may remain in the ground through the Winter. Indeed, the fine sugary flavor is only perfected by a severe frost.

	Pkt.	Oz.	¼ lb.	Lb.
<b>Marshall's Marrow.</b> A grand selection, clean white, long roots; fine for exhibition and family use. The finest stock in this country.....	\$0.10	\$0.30	\$1.00	\$3.00
<b>American Hollow Crown.</b> Long, smooth and milky white.....	.10	.25	.75	1.75



Onion Red Globe



Onion Invincible Giant



Onion Danvers Globe

## ONIONS

*One ounce will sow 200 feet of drill. 4 to 5 pounds to the acre.*

Sow in drills 1 foot apart and cover about one-third of an inch, treading or rolling after sowing so that the hot, dry atmosphere may not destroy the sprouting seed. When 3 inches high thin to 2 inches apart. Stir the ground freely without disturbing the young plants and keep free from weeds.

### RED VARIETIES

<b>Large Red Wethersfield.</b> A good sized onion of purplish red color. Splendid Pkt.	$\frac{1}{2}$ Oz.	Oz.	$\frac{1}{4}$ lb.
keeping qualities and very productive.....	\$0.10	\$0.25	\$0.40 \$1.00
<b>Large Red Globe.</b> (Southport Strain.) Considered the finest type of red onion. Globe shaped, of a deep red purple color and its keeping qualities make it extremely popular.....	.10	.30	.50 1.50

### WHITE VARIETIES

<b>Early White Barletta.</b> A small White Italian variety much in demand for pickling. Matures early, flesh mildly flavored.....	.10	.25	.50 1.50
<b>Large White Portugal.</b> For general use we recommend this popular variety. Its mild aromatic flavor and appetizing appearance appeal to all vegetarians. Flat shaped.....	.10	.30	.50 1.50
<b>Marshall's Large White Globe.</b> (Southport Strain.) Here we offer what we consider the best flat white onion obtainable. For appearance, flavor and all round qualities this is unsurpassed.....	.10	.30	.50 1.50
<b>Mammoth White Garganus or Silver King.</b> Another superb medium sized white, flat onion of exceptional merit and worthy of trial. Mild flavor. Early .....	.10	.30	.50 1.50
<b>White Bermuda.</b> A very early flat variety which has maintained its popularity. Fine flavor.....	.10	.25	.50 1.50
<b>White Tripoli.</b> Large flat white Italian variety of great productivity and good flavor.....	.10	.30	.60 2.00

### YELLOW VARIETIES

<b>Marshall's Ailsa Craig.</b> One of the finest varieties for exhibition and general use. Oval shape with pale straw colored skin. Good cultivation will reward the grower with extra large specimens.....	.25	.40	.75 2.50
<b>Danvers Yellow.</b> A round, flat, standard sort; early and a good keeper.....	.10	.30	.50 1.50
<b>Marshall's Giant Gibraltar.</b> A superb, but little known, variety suitable for exhibition purposes. Mild flavor. A general favorite.....	.25	.50	1.00 3.00
<b>Marshall's Invincible Giant.</b> Acknowledged by experts to be outstanding in quality and when well grown reaches an immense size of fine form and with pale yellow skin. Good keeping qualities.....	.25	1.00	2.00 ...
<b>Yellow Globe Danvers.</b> (Southport Strain). Of more globular shape; keeps well. ....	.10	.30	.50 1.50
<b>Yellow Prizetaker.</b> Immense size; globe-shaped, pale yellow.....	.10	.30	.50 1.50

## ONION SETS

*Three quarts will plant 100 yards of row.*

Onion Sets should be planted early in the Spring in rows 12 inches apart, placing the sets 4 inches apart in the row. When raised from sets the Onion can be used in the green state in June, or they will be matured by July.

	Lb.	5 lbs.	10 lbs.		Lb.	5 lbs.	10 lbs.
<b>Red Onion Sets</b> .....	\$0.40	\$1.75	\$3.25	<b>White Multipliers</b> .....	\$0.50	\$2.00	\$3.50
<b>White Onion Sets</b> .....	.50	2.25	4.00	<b>Shallots</b> .....	.60	3.00	5.00
<b>Yellow Onion Sets</b> .....	.40	1.75	3.25	<b>Garlic</b> .....	.60	...	...
<b>Japanese Yellow Onion Sets.</b> Excellent for yield and quality.....	.40	1.75	3.25				

Prices of Onion Sets are subject to market changes.



Peas, Early Bird



Peas, Perfect



Peas, Quite Content

## PEAS

One quart will plant about 150 feet of drill.

Peas mature earliest in a light, rich soil; for general crop a rich loam is the best. When grown in gardens sow in double rows 6 to 8 inches apart, the rows 2 to 4 feet apart, the tall ones requiring brush. Commence sowing the extra early varieties as early as the ground can be worked in February or March and continue for a succession every two weeks until July.

### EXTRA EARLY PEAS

	Height in ft.	$\frac{1}{2}$ Pt.	Pt.	Qt.	4 qts.
<b>Alaska.</b> One of the very earliest blue Peas; quite productive.....	2½	\$0.20	\$0.40	\$0.75	\$2.50
<b>Blue Bantam.</b> A fine extra early wrinkled Pea. Large pods well filled with deep green, fine flavored Peas.....	1½	.25	.40	.80	3.00
<b>Extra Early Market, Marshall's.</b> A standard extra early Pea; productive and profitable to grow.....	2½	.25	.40	.75	2.50
<b>Early Bird.</b> A very early, round seeded, fine flavored variety. Pods 4 inches long and well filled. Very scarce.....	4	.30	.50	1.00	3.50
<b>Marshall's Little Giant.</b> An excellent, extra early dwarf variety of highest quality. Pods with 6 to 8 large dark green peas...	1½	.25	.40	.75	2.50
<b>Gradus, or Prosperity.</b> The finest extra early Pea. The pods are very large and well filled, with large wrinkled green Peas.....	3	.25	.45	.80	3.00
<b>Laxtonian.</b> Very large, dark green, curved pods and Peas of finest flavor.....	1½	.25	.40	.80	3.00
<b>Laxton's Progress.</b> An English wrinkled variety. A great bearer.....	2	.30	.50	.90	3.25
<b>Little Marvel.</b> Very early, wrinkled peas, long pods.....	2	.25	.40	.80	3.00
<b>Nott's Excelsior.</b> Splendid early wrinkled sort; very prolific.....	1	.25	.40	.70	2.50
<b>Marchioness.</b> A grand wrinkled Pea for early planting.....	3½	.25	.40	.80	3.00
<b>Peter Pan.</b> A fine large podded dwarf Pea.	1¼	.25	.40	.80	3.00
<b>Sutton's Excelsior.</b> An extra early dwarf wrinkled Pea; pods filled with large Peas of the finest flavor.....	1	.25	.40	.80	2.75
<b>Thomas Laxton.</b> Very productive. The pods are large and contain seven or eight large wrinkled Peas of the finest flavor.....	3	.25	.45	.80	3.00

### MEDIUM CROP PEAS

<b>Admiral Beatty.</b> An excellent medium early variety, wonderful bearer of large pods containing 8 to 10 peas.....	4	.30	.50	.90	3.25
<b>Champion of England.</b> Well known standard variety. Sow thickly.....	4	.20	.35	.70	2.50
<b>Duke of Albany</b> (American Champion). Immense pods.....	4	.25	.45	.80	3.00
<b>Onward.</b> Decidedly the best pea of recent introduction. Pods are 4 inches long with 6 to 8 deep green sweet peas. About a week earlier than Telephone.....	3	.25	.40	.75	2.50
<b>Perfect.</b> An English mid-season variety, with handsome long pods produced in pairs, very heavy bearer.....	2½	.25	.50	1.00	3.50
<b>Sutton's Perfection.</b> An excellent, immensely productive main crop variety. Pods with 8 to 9 large, sweet, green peas.	3	.25	.40	.75	2.50

### MAIN CROP PEAS

<b>Alderman, or Prince Edward.</b> One of the finest of the large podded main crop varieties. Pods measure nearly 6 inches, well filled.....	4	.25	.40	.80	3.00
<b>Quite Content.</b> A giant podded variety; very prolific.....	5	.25	.45	.80	3.00
<b>Telephone.</b> A tall growing late sort, having pods of very large size, containing six or seven Peas of delicious flavor.....	4	.25	.40	.80	3.00

### SUGAR PEAS (Edible Pods)

In Sugar Peas the pods are gathered, broken and cooked like string beans when the Peas start to develop in the pod or have reached about half their full size.

	Height in ft.	$\frac{1}{2}$ Pt.	Pt.	Qt.	4 qts.
<b>Gray-Seeded Sugar.</b> Large edible pods.....	3	\$0.20	\$0.35	\$0.70	\$2.50
<b>Tall, Melting Sugar.</b> One of the best edible pod sorts.....	5	.20	.40	.80	2.75



Pepper Marshall's Earliest



Potatoes



Pumpkin, Early Sugar

## PEPPER

*One ounce will produce 2000 plants.*

Sow in hotbeds in March, and when the soil has become warm, set in rows 2 feet apart and 18 inches in the rows; hoe frequently. Plants may also be forwarded in small pots.

	Pkt.	½ oz.	Oz.
<b>Cayenne, Long Red.</b> Bright red, slender pods; 3 inches long.....	\$0.10	\$0.40	\$0.75
<b>Chinese Giant.</b> Very large, bright scarlet.....	.10	.40	.75
<b>Large Bell or Bull Nose.</b> Large, bright red, largely used for pickling, mild flavor...	.10	.40	.75
<b>Magnum Dulce.</b> Very large; flesh mild and sweet.....	.10	.40	.75
<b>Marshall's Earliest.</b> Fruits mild and sweet, similar to Bull Nose. Plant dwarf, compact and very productive. The earliest variety grown.....	.10	.50	1.00
<b>Marshall's Early Giant.</b> A very early large variety, dwarf compact growth; scarlet fruit 5 inches long, three lobed, mild and sweet.....	.10	.75	1.50
<b>Pepper-Tomato.</b> A cross between a Pepper and a Tomato. Scarlet oval shaped fruit.....	.25	...	...
<b>Red Chili.</b> Very productive; very small; red and very pungent.....	.10	.40	.75
<b>Ruby King.</b> Bright red, 4 to 6 inches long; best for stuffing.....	.10	.40	.75
<b>Sunnybrook.</b> A tomato-shaped, sweet, red variety.....	.10	.40	.75
<b>Sweet Mountain.</b> Large size, regular handsome shape, mild flavor.....	.10	.40	.75

## POTATOES

**GROWN EXPRESSLY FOR SEED IN MAINE OR PRINCE EDWARD ISLAND**

*Peck will plant 100 foot row. Ten bushels cut tubers will plant 1 acre.*

The Potato can be grown with varying success on soils of all kinds and in all conditions of fertility, but the soil best suited to it is a sandy loam. Manure is applied either in rows or hills or broadcast over the hills and ploughed in. In highly enriched soils the plants are more liable to disease than when grown in soil that is naturally good. Plant as early in Spring as the ground can be had in fair working order, in hills or ridges, about 3 feet apart, cover lightly with soil about 4 inches deep.

**Beauty of Hebron.** Slightly flesh colored skin, with pure white flesh; very productive and of the finest quality.

**Bovee.** Extra early; fine quality; flesh white.

**Dibble's Russet.** This is the best main crop Potato in cultivation. The tubers are round to oblong in shape, good size, white flesh and covered with a russet skin. The quality when cooked cannot be excelled. It also has great disease-resistant and blightproof properties.

**Early Rose or Spaulding Rose.** Very early; fine quality; very productive, skin shaded rose color.

**Gold Coin.** Very productive, fine table quality; flesh pure white and cooks very dry.

**Green Mountain.** Oval shape; white skin and flesh; heavy yielder and good for Winter use.

**Irish Cobbler.** One of the best extra early varieties.

**At the time of going to press with this catalogue the Potato market is so unsettled that prices are subject to change.**

We request those desiring Seed Potatoes to write for prices on the quantities wanted and we will give quotations by mail.

Unpriced orders will be filled at the prevailing market prices at time of shipment. Potatoes are forwarded by express or freight as directed, purchaser paying charges.

**Semesan.** Potatoes treated with Semesan will be free from disease and yield much larger crops.

### SWEET POTATO PLANTS

Red or Yellow variety. Plants ready end of May. Per 100, \$1.00; 1,000, \$7.00.

## PUMPKIN

*One ounce will plant 50 hills.*

The common practice is to drop two or three seeds in every second or third hill in the Cornfield, but if cultivated on a large scale the seed may be sown in hills 8 feet apart each way, four plants to each hill, and otherwise treated in the same manner as Melons or Cucumbers.

	Pkt.	Oz.	¼ lb.	Lb.
<b>Connecticut Field.</b> Grown in Cornfields for stock.....	\$0.10	\$0.20	\$0.50	\$1.50
<b>Cushaw Striped.</b> A splendid striped crook-neck variety.....	.10	.25	.75	2.50
<b>Early Sugar.</b> Fine grained; small; yellow.....	.10	.25	.75	2.50
<b>Large Cheese.</b> Flat; the best variety for small family use.....	.10	.25	.75	2.50
<b>Mammoth King.</b> Grows to an enormous size.....	.10	.25	.75	2.50
<b>Mammoth Tours.</b> A very large French variety.....	.10	.25	.75	2.50
<b>Quaker Pie.</b> Very prolific and a good keeper; fine for pies.....	.10	.25	.75	2.50



Salsify



Radish Scarlet Globe



Swiss Chard Fordhook

## RADISH

*One ounce of seed will sow 150 feet of drill.*

Radishes require a light, loamy soil, moderately fertile, which should be deeply dug and well pulverized. The situation should be warm and sheltered. For an early supply sow in January or February in botbeds, keeping well ventilated. In May they may be sown out-of-doors. Successive sowings should be made every two weeks. Radishes to be crisp and tender should make a rapid growth.

Winter varieties should be sown in July and August.

### FORCING VARIETIES

	Pkt.	Oz.	¼ lb.	Lb.
Early Scarlet Turnip Forcing. Crisp; very early.....	\$0.10	\$0.25	\$0.75	\$2.00
Deep Scarlet Turnip Forcing or Non Plus Ultra. Round, short leaved, crisp; very early.....	.10	.25	.75	2.00
Scarlet Turnip White-Tipped Forcing. Round, very early.....	.10	.25	.75	2.00
Early Scarlet Globe. Fine for forcing or open ground.....	.10	.25	.75	2.00

### OUTDOOR VARIETIES

Turnip, Marshall's Perfection. Brilliant red with white tip extending nearly half way up the root.....	.10	.25	.75	2.00
Turnip, Early Scarlet. Very early. The French favorite.....	.10	.20	.50	1.50
Turnip, Scarlet White-Tipped. Very early for frames or outdoors.....	.10	.20	.50	1.50
Turnip, Early White, or Box. Flesh pure white and sweet.....	.10	.25	.60	2.00
Turnip, Crimson Giant. Suitable for forcing or outdoors; flesh very tender and crisp.....	.10	.25	.60	2.00
Olive-Shaped French Breakfast. Pink and white; early.....	.10	.20	.50	1.50
Olive-Shaped Deep Scarlet. Crisp; very early.....	.10	.20	.60	1.75
Olive-Shaped White. Mild and fine for Summer.....	.10	.20	.60	1.75
Long Scarlet Short Top. Very long; for frames or outdoors.....	.10	.20	.50	1.50
Long White Vienna, or Lady Finger. Crisp and tender in Summer.....	.10	.20	.60	1.75
Long Icicle. Pure white; of fine flavor; suitable for forcing.....	.10	.20	.60	1.75

### WINTER VARIETIES

Long Black Spanish. The popular Winter sort.....	.10	.20	.60	1.75
Round Black Spanish. Fine for Winter.....	.10	.20	.60	1.75

## RHUBARB

*One ounce will produce 1000 plants.*

Sow in drills 18 inches apart. When the plants are strong enough, thin out to 6 inches. In the Fall or following Spring, transplant the roots into deep, rich soil, 3 feet apart each way.

Victoria. Very large; later than the Linnaeus. Pkt. 10c., oz. 35c., ¼ lb. \$1.00, lb. \$3.00.

Victoria Rhubarb Roots. Extra strong. Each 30c., doz. \$3.50, 100 \$25.00.

## SALSIFY, OR OYSTER PLANT

*One ounce will sow 150 feet.*

A most delicious vegetable. It is used stewed, boiled, or fried, and sometimes as a salad. When cooked it has an oyster flavor. Sow seed from April to May in drills 18 inches apart. Cultivate the same as for Carrots or Parsnips.

	Pkt.	Oz.	¼ lb.	Lb.
Mammoth Sandwich Island. True. Large and superior; very fine flavor.....	\$0.10	\$0.35	\$1.00	\$1.50
Long Black, or Scorzonera. Resembles long white, but black in color.....	.10	.50	1.50	

## SORREL

*One ounce will sow 150 feet of drill.*

Used cooked as Spinach or to mix with salads. Sow in shallow drills 12 inches apart, and thin out the young plants to 6 inches.

Large-Leaved French. Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.50.

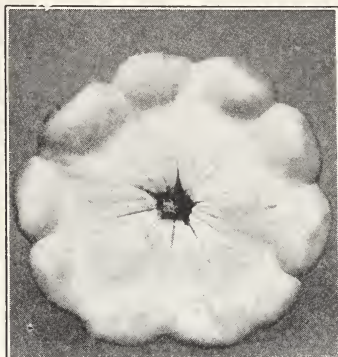
## SWISS CHARD

This beet produces leaves only; excellent as greens. Cultivate the same as Spinach, sowing the seed in early Spring, in drills 1½ feet apart. Good cultivation will increase the delicacy and tenderness of the leaves.

	Pkt.	Oz.	¼ lb.	Lb.
Swiss Chard. The old standard variety, green leaves with white stalks.....	\$0.10	\$0.20	\$0.50	\$1.50
Giant Lucullus. A strong growing variety; heavily crumpled leaves.....	.10	.25	.60	2.00
Fordhook Giant. The leaves are much savoyed of thick and fleshy texture of rich blue-green color. The stalks are pearly white.....	.10	.25	.60	2.00



Spinach, Victoria



Spinach, White Bush Scallop



Squash, Warty Hubbard

## SPINACH

*One ounce will sow 200 feet of drill, 10 to 12 lbs. an acre.*

This is best developed and most tender and succulent when grown in very rich soil. For Summer use sow early in Spring in drills 15 inches apart, and make successive sowings every two weeks. For Spring use sow in September, and cover lightly in November with light litter.

	Pkt.	Oz.	¼ lb.	Lb.
<b>King of Denmark.</b> A new variety for Spring planting. Dark green crumpled leaves and very slow to go to seed.....	\$0.10	\$0.15	\$0.35	\$1.00
<b>Long Standing.</b> A good spinach for summer use. Deliciously tender. Dark green leaves.....	.10	.15	.30	1.00
<b>New Zealand.</b> Makes a low spreading plant from which delicious tender greens can be gathered the entire Summer. Fine flavor.....	.10	.25	.60	1.50

**Perpetual Summer, or Spinach Beet.** A spinach of outstanding merit. Dark green leaves produced all summer long; of delicious flavor. It may be cut repeatedly during the season and it will grow again with renewed vigor. Hence its name "perpetual". Highly recommended.....

	Pkt.	Oz.	¼ lb.	Lb.
<b>Prickly, or Winter.</b> Vigorous and hardy, recommended for Fall sowing.....	\$0.10	\$0.15	\$0.30	\$0.75
<b>Princess Juliana.</b> A very dark green, thick, round leaved type.....	.10	.15	.30	1.00
<b>Savoy-Leaved, or Bloomsdale.</b> Good sized curled leaves, tender and finely flavored .....	.10	.15	.30	1.00
<b>Victoria.</b> A variety with thick dark-green leaves. Best long standing Spinach .....	.10	.15	.30	.75
<b>Viroflay Thick-Leaved.</b> A standard sort, equally good for early Spring or Fall sowing .....	.10	.15	.30	.75

## SQUASH

*One ounce Early Squash will plant about 50 hills. One ounce Marrow Squash will plant about 25 hills.*

The Squash succeeds best in good rich soil. It is not advisable to plant before May 15th. Sow in hills in the same manner as Cucumbers and Melons. Use seed freely, 8 to 12 seeds to the hill, to provide for losses by insects.

### BUSH VARIETIES

	Pkt.	Oz.	¼ lb.	Lb.
<b>Cocozelle Bush.</b> A fine variety; oblong shape; skin smooth, dark green, marbled yellow or pale green.....	\$0.10	\$0.15	\$0.30	\$1.00
<b>Improved Early White Bush Scallop.</b> A good early shipping variety.....	.10	.25	.75	
<b>Giant Summer Crookneck.</b> Double the size of Summer Crookneck.....	.10	.30	.75	
<b>Giant Summer Straightneck.</b> Fruits about 18 inches long, deep orange color and intensely warted.....	.10	.50	1.50	
<b>Golden Custard.</b> Fine quality and cooks tender.....	.10	.30	.75	
<b>Golden Summer Crookneck.</b> Yellow fruit; distinct; best for Summer.....	.10	.30	1.00	
<b>Yellow Bush Scallop.</b> The popular yellow variety.....	.10	.30	1.00	
<b>Zucca Pergola.</b> An Italian variety, 24 to 36 inches long, color pale green.....	.10	.40	1.25	

### RUNNING VARIETIES

<b>Boston Marrow.</b> Oval; bright orange; flesh yellow and fine.....	.10	.25	.75	
<b>Delicious.</b> Green skin; orange flesh; fine grained; sweet and dry.....	.10	.30	1.00	
<b>Fordhook.</b> A desirable variety for Summer and Winter use; fruit oblong in shape, smooth yellow skin, flesh light yellow.....	.10	.30	1.00	
<b>Blue Hubbard.</b> Of true Hubbard shape with rich blue-green skin and bright orange flesh of fine flavor.....	.10	.30	1.00	
<b>Golden, or Red Hubbard.</b> Flesh deep golden yellow; fine for private use.....	.10	.30	.75	
<b>Improved Hubbard.</b> Well known and liked for late use.....	.10	.30	.75	
<b>Mammoth Warty Hubbard.</b> Very large, covered with warts. Fine keeper.....	.10	.30	.75	
<b>Mammoth Chilli.</b> Rich orange flesh; grows to an enormous size.....	.10	.30	1.00	

See Page 48 for Vegetable Marrows.



Marrow, Long Green



Tomato, National



Tomato, Marglobe

## ENGLISH VEGETABLE MARROWS

The following varieties are well adapted for growing in this climate:

	Pkt.	Oz.	¼ lb.
<b>Long Green Bush.</b> Fruits long pale green; rich flavor.....	\$0.10	\$0.40	\$1.25
<b>Long White Bush.</b> Creamy white; very prolific.....	.10	.40	1.25
<b>Moore's Long Cream.</b> Very long, pale cream color; trailing sort.....	.10	.40	1.25
<b>Vegetable Marrow.</b> Skin greenish yellow; flesh white; trailing variety.....	.10	.30	1.00

## TOBACCO SEED

*One ounce will produce plants for one acre.*

**Connecticut Seed Leaf.** Suitable for growing in these latitudes; used for cigar wrappers. Pkt. 10c., oz. 30c.

## TOMATO

*One ounce will produce 1000 plants.*

Sow thinly about the first week in March in a hotbed, greenhouse, window or sitting room, where the temperature is never below 60 degrees. When 2 inches high, set out the plants in boxes about 4 inches apart, or pot singly. About the first of June they may be transferred to the open ground. Set them deeply 4 feet apart.

### FORCING VARIETIES

	Pkt.	½ oz.	Oz.
<b>Marshall's Prolific.</b> The finest medium-sized Tomato for forcing or outdoor planting. It is an enormous cropper, producing large clusters of bright scarlet fruit.....	\$0.25	\$1.50	\$3.00
<b>Comet.</b> Beautiful, smooth, round fruit in great abundance. Color a rich scarlet red.....	.25	.60	1.00
<b>Best of All.</b> An excellent sort for forcing or early outdoor crop.....	.25	1.00	1.50
<b>Fillbasket.</b> A very heavy cropper. Smooth round fruit.....	.25	1.50	3.00
<b>Princess of Wales.</b> A variety of high merit. Plants robust in habit and laden with heavy clusters of medium size fruit.....	.25	1.50	3.00
<b>Stirling Castle.</b> Excellent for forcing as well as outdoor culture. Fruit medium size.....	.25	.50	1.50
<b>Sunrise.</b> A fine forcing variety; rich scarlet color.....	.25	.50	1.50
<b>Winter Beauty.</b> Fine forcer, fruits of good size, smooth and deep color.....	.25	1.50	3.00

### OUTDOOR VARIETIES

<b>Break O'Day.</b> The earliest, disease resisting, globe shaped, scarlet fruited, meaty variety introduced.....	.25	1.00	1.75
<b>Bonny Best.</b> A very early bright red variety. Smooth, solid and uniform.....	.10	.35	.60
<b>Chalk's Jewel.</b> An exceptionally fine early variety. Color crimson.....	.10	.35	.60
<b>Crimson Cushion.</b> Extra large, handsome, bright crimson.....	.10	.35	.60
<b>Dwarf Champion.</b> The plant is of dwarf and compact growth.....	.10	.30	.50
<b>Earliana.</b> Extra early; bright red; smooth.....	.10	.35	.60
<b>Golden Queen.</b> A good yellow sort; first-class quality; large and solid.....	.10	.35	.60
<b>John Baer.</b> A beautiful, brilliant red variety; perfect, solid, high crown fruits.....	.10	.40	.75
<b>Marglobe.</b> Fruits are large, smooth and globular, meaty and almost coreless. Very productive.....	.20	.50	1.00
<b>Marshall's National.</b> A very early, bright red, coreless variety.....	.25	1.00	2.00
<b>Marshall's Matchless.</b> Extra large, smooth and handsome; bright red; very solid.....	.10	.40	.75
<b>Ponderosa.</b> The largest variety in cultivation; very solid and meaty.....	.10	.40	.75
<b>Stone.</b> Very large, perfectly smooth; fine, bright scarlet.....	.10	.35	.60

### SMALL FRUITED TOMATOES

<b>Red Cherry.</b> Small fruits; used for pickles; very handsome.....	.10	.35	.60
<b>Red Currant.</b> Very small fruits; for preserves.....	.10	.35	.60
<b>Red Peach.</b> Resembling a Peach; for preserves, pickles and exhibition.....	.10	.35	.60
<b>Red Pear.</b> Fruit handsome and solid; fine for preserves.....	.10	.35	.60
<b>Red Plum.</b> Bright red, round, regular; for pickles.....	.10	.35	.60
<b>Strawberry (Winter Cherry, or Husk Tomato).</b> Makes fine sauce.....	.10	.35	.60
<b>Yellow Cherry.</b> For pickles and preserves.....	.10	.35	.60
<b>Yellow Peach.</b> Beautiful clear yellow; perfectly resembles a Peach.....	.10	.35	.60
<b>Yellow Pear.</b> Handsome, yellow, Pear-shaped fruits.....	.10	.35	.60
<b>Yellow Plum.</b> Round and regular; bright yellow.....	.10	.35	.60

**FREE DELIVERY.** We deliver vegetable and flower seeds when cash accompanies your order.

## TURNIP

One ounce will sow 200 feet of drill.

Turnips do best on highly enriched, light sandy or gravelly soil. Commence sowing the earliest varieties in April, in drills, from 12 to 15 inches apart, and thin out early to 6 or 9 inches in the rows. For a succession, sow at intervals of two weeks, until the middle of August. Pkt. Oz. ¼ lb. Lb.

<b>Early Milan, Purple Top.</b> Earliest of all, white with purple top.....	\$0.10	\$0.30	\$1.00	\$2.50
<b>Early Milan, Pure White, Selected.</b> Very handsome, pure white and as early as the above; flesh very sweet and tender.....	.10	.30	1.00	2.50
<b>Early Snowball.</b> Small, and rapid growth; pure white.....	.10	.20	.50	1.50
<b>Golden Ball.</b> Very handsome; keeps fairly well.....	.10	.20	.50	1.50
<b>Quicksilver.</b> A perfect shaped, round, white skinned, solid white flesh variety. Very quick growing and fine for exhibition.....	.10	.35	1.00	3.00
<b>Red Top, Strap Leaf.</b> The popular Fall flat sort.....	.10	.20	.50	1.50
<b>Red Top, Globe-shaped.</b> A standard sort in the New York market.....	.10	.20	.50	1.50

	Pkt.	Oz.	¼ lb.	Lb.
<b>Seven Top.</b> Grown exclusively for the tops, which are used for greens.....	\$0.10	\$0.20	\$0.50	\$1.50
<b>White Egg.</b> Oval, handsome and sweet.....	.10	.20	.50	1.50
<b>White Strap Leaf Flat.</b> A good early white flat sort.....	.10	.20	.50	1.50
<b>Yellow Aberdeen.</b> A hardy and productive variety of excellent quality.....	.10	.20	.50	1.50

## RUTA-BAGA

Seed should be sown the end of June or July. Desirable for table use and feeding stock.

	Pkt.	Oz.	¼ lb.	Lb.
<b>Marshall's Matchless.</b> A purplish bronze variety, with single tap root and small top. Excellent quality.....	.10	.25	.75	2.50
<b>American Purple Top.</b> A strain of Purple top yellow.....	.10	.20	.50	1.50
<b>White-Fleshed.</b> Large and productive.....	.10	.25	.75	2.00



Turnip, Early Snowball

## HERBS

Plant in the Spring, when the ground is warm, in drills, covering lightly. When the plants are well up, thin out or transplant to about 4 inches apart. They should be harvested on a dry day just before the blossom develops, dried quickly and bottled, or closely packed in dry boxes with the air entirely excluded.

	Pkt.	Oz.		Pkt.	Oz.
<b>Anise.</b> Annual. Used for flavoring and garnishing.....	\$0.10	\$0.40	<b>Horehound.</b> Perennial. Used medicinally, also for seasoning.....	\$0.10	\$0.60
<b>Balm.</b> Perennial. Leaves have a fragrant odor and are used medicinally..	.10	.50	<b>Hyssop.</b> Perennial. Used medicinally. The leaves have a pungent taste....	.10	.50
<b>Basil, Sweet.</b> Annual. Used for flavoring soups, stews, etc.....	.10	.50	<b>Lavender.</b> Perennial. Yields an oil used in medicine and perfumery.....	.10	.50
<b>Borage.</b> Annual. Leaves are used for flavoring, and bees are attracted by the flowers.....	.10	.50	<b>Marigold, Pot.</b> For medicinal purposes.	.10	.50
<b>Caraway.</b> Perennial. Used for flavoring confectionery, bread, etc.....	.10	.40	<b>Marjoram, Sweet.</b> Annual. Aromatic and fragrant. Much used in flavoring	.10	.75
<b>Catnip.</b> Perennial. Sometimes used in medicine.....	.15	.75	<b>Mint.</b> Plants only.		
<b>Coriander.</b> Annual. Used in the manufacture of confectionery.....	.10	.50	<b>Rosemary.</b> Perennial. Leaves fragrant, with warm, pungent, bitterish taste.	.10	.75
<b>Dill.</b> Biennial. The seeds are aromatic and pungent. Used in pickling....	.10	.40	<b>Sage.</b> Perennial. More used than any other herb for dressings and seasoning.....	.10	.50
<b>Fennel, Sweet.</b> Perennial. Leaves when boiled are used in sauces.....	.10	.40	<b>Summer Savory.</b> Annual. Used for flavoring soups and dressings.....	.10	.75
<b>Fennel, Florence.</b> The roots are boiled, also used as salad.....	.10	.40	<b>Tarragon, or Estragon.</b> .....	.25	3.00
			<b>Thyme.</b> Perennial. Used for seasoning. Also used medicinally.....	.10	1.00
			<b>Wormwood.</b> Perennial. Used medicinally and is beneficial for poultry....	.10	.60

## PLANTS OF HERBS

To meet the increasing demand for plants of the most popular herbs, we can supply the following:

**Balm** (*Melissa officinalis*).  
**Catnip** (*Nepeta cataria*).  
**Chives** (*Allium Schaenoprasum*).  
**Hop** (*Humulus lupulus*).  
**Hyssop** (*Hyssopus officinalis*).  
**Lavender** (*Lavandula vera*).  
**Peppermint** (*Mentha piperita*).

**Rosemary** (*Rosmarinus officinalis*).  
**Rue** (*Ruta graveolens*).  
**Sage** (*Salvia officinalis*).  
**Spearmin** (*Mentha spicata*).  
**Tarragon** (*Artemisia dracunculus*).  
**Thyme** (*Thymus vulgaris*).  
**Wormwood** (*Artemisia absinthium*).

Plants of any of the above: 3 for \$1.25; 10 for \$3.50. Not less than three of one variety sold.

# FARM AND FIELD SEEDS

## BARLEY

48 lbs. to the bushel, 2 bushels to the acre

Oderbrucker. A six rowed bearded variety. Bus. \$3.50

## BEANS

Sow  $\frac{1}{2}$  to  $\frac{3}{4}$  bushels to the acre

Soja Bean, E. Black Wilson. Valuable as a forage crop and for fertilizing the soil. Thrives well in hot and dry weather. 6.00

## BET, MANGEL-WURZEL

Sow 6 to 8 pounds to acre

Champion Yellow Globe. Bright orange color; globe-shaped and of excellent quality. Lb. \$0.75  
 Danish Sludstrup. A long, reddish yellow variety. 75  
 Golden Tankard. An enormous yielder per acre. Flesh deep yellow. 75  
 Mammoth Long Red. The largest and heaviest cropper of all the Mangels. 75

## BUCKWHEAT

48 pounds to the bushel. Sow 1 bushel to the acre

Japanese. Earliest and most productive of the Buckwheats. Peck Bus. \$1.00 \$3.50

## FIELD CORN

8 quarts will plant 1 acre in hills  
 3 bushels will sow 1 acre broadcast

### FLINT VARIETIES

Golden Nugget. Very early, large ears, which average from 12 to 15 in. long. Peck Bus. \$1.25 \$4.50  
 Longfellow. A large-eared Flint variety, grown extensively for its productiveness. Ears 8-rowed, often 14 to 15 in. long, with small cob and deep kernels. 1.25 4.25  
 Luce's Favorite. Ears large and abundant foliage. Valuable for ensilage or as a shell corn. 1.50 4.50

### DENT VARIETIES

Improved Leaming. Large ears, deep-grained and of a deep orange color. Early maturing, distinctly Dent, and a great yielder. 1.25 4.25  
 Lancaster County Sure Crop. A good variety for crib or silo. Long ears with deep yellow grains. 1.25 4.25

### FODDER AND ENSILAGE VARIETIES

Eureka. The plants grow 12 to 15 ft. high. Valuable for ensilage or as a yellow Dent Corn. 1.50 4.25  
 Southern Horse Tooth. A large, leafy grower, especially valuable for ensilage. 1.25 ...  
 Sweet Fodder. Succulent and nutritious for feeding green. 1.50 5.00

## MILLET

Golden. Very large crop, though not so early as Hungarian. Grows 3 to 5 ft. high. Sow 1 bushel to the acre, 48 lbs to the bushel. Bus. Lbs. \$4.25 \$8.00  
 Hungarian. A favorite Summer forage crop. Sow in June, can be cut in about 60 days. Withstands heat and drought well. Plant about 3 pecks to 1 bushel per acre, 48 lbs. to the bushel. 4.00 7.50

## MILLET—Continued

Japanese. Sometimes called Barnyard Millet. Grows very tall, 6 to 7 ft.; makes valuable forage and is the greatest yielder of all the Millets. Sow about 15 lbs. per acre, 35 lbs. to the bushel. \$4.50 \$12.00

## OATS

Sow 2 to 3 bushels to the acre, 32 lbs. to the bushel

Storm King. The heads measure from 8 to 10 in. and the kernels are of immense size, thick, plump and heavy. It is very early, has great length of straw, producing 70 bushels per acre. Bus. \$2.25, 10 bus. or over \$2.00 per bus.

Canada Cluster. A very early variety with long straw and thick, plump heavy grains. A true side Oat and heavy cropper. Bus. \$2.25, 10 bus. or over \$2.00 per bus.

## PEAS

Canada Field. Valuable for cattle feeding and ensilage. Sown broadcast in the Spring at the rate of two bushels to the acre. \$1.50 pk., \$5.00 bus.

Cow Peas, Whippoorwill. A very early maturing variety of upright or bush growth. Sow 2 bushels per acre, 60 lbs. per bushel. Bus. \$7.00.

## RAPE

Dwarf Essex. Fine for sheep pasture; valuable as a soil enricher. Plant in June or July in drills at the rate of 3 lbs. per acre, broadcast 5 lbs. per acre. Lb. 25c., 100 lbs. \$15.00.

## RYE

For grain, 1 bushel to the acre; for foliage or soiling,  $1\frac{1}{2}$  bushels, 56 lbs. to the bushel.

Giant Winter. Popular as a cover crop. If allowed to mature will produce a heavy crop of grain, and a fine quality of straw if cut about July 1. Pk. \$1.00, bus. \$3.00.

## SUNFLOWER

Mammoth Russian. Very productive, large heads with large seeds. Valuable for poultry; 5 lbs. will plant 1 acre. Lb. 25c., 25 lbs. \$4.50, 100 lbs. \$16.00.

## VETCHES, OR TARES

Spring Vetches (Vicia sativa). Highly valuable for soiling or for green manuring. Sometimes grown with Oats for mowing and feeding to stock. Use 40 to 60 lbs. to the acre. Sow in Spring while ground is cool and moist, or in early Autumn. Lb. 20c., 100 lbs. \$12.00.

Winter Vetches (Vicia villosa). Also called Sand Vetch, or Hairy Vetch. Recommended for Fall sowing with Rye. A valuable food for stock in early Spring. Use 30 to 50 lbs. per acre. Lb. 40c., 100 lbs. \$25.00.

## WHEAT

The seed Wheat we offer is grown in Pennsylvania by a very reliable grower, especially for seed purposes. Sow  $1\frac{1}{2}$  bushels to the acre.

Marquis Spring. A very early beardless Wheat that succeeds well in the East, producing larger yields than any other kind. Sow as early as possible about  $2\frac{1}{2}$  bushels per acre. Bus. \$3.50.

Leap's Prolific. A very hardy, beardless white chaff and dark amber grain. Market price.

Pennsylvania 44. A bearded, large red variety. Market price.

Trumbull. A medium size, red hard grain, beardless, great yielder, and stands up well. Market price.

Prices on all Farm Seeds are subject to market fluctuations.

# SUMMER-FLOWERING BULBS

## AGAPANTHUS

**umbellatus** (Blue Lily of the Nile). A most desirable plant for outdoor decoration; planted in large pots or tubs on the lawn or piazza. Pot-grown plants. 6-in., each \$1.50, doz. \$15.00.

## AMARYLLIS

They should be grown in rich, sandy loam, with good drainage, and require abundant moisture when growing; but at their season of rest water should be given sparingly.

**Hippeastrum, New Hybrids.** The finest race of Amaryllis in cultivation. Each \$1.00, doz. \$10.00.

**equestris** (Barbados Lily). A garden variety with orange-scarlet flowers. Each 30c., doz. \$3.00, 100 \$20.00.

**formosissima** (Jacobean Lily). Brilliant scarlet. Each 50c., doz. \$5.00.

**johnsoni.** Deep rich crimson with white stripe on each petal. Each 50c., doz. \$5.00.

## AMORPHOPHALLUS RIVIERI

### African Lily

The dark red Calla shaped flower precedes the leaves on this interesting plant. The stem is mottled green and white. The foliage which appears later stands on a stalk resembling an umbrella and makes a very ornamental plant.

Extra large bulbs. Each \$3.00. Smaller size. Each \$2.00.

## BEGONIAS

Splendid pot plants for the house or greenhouse, and especially valuable for bedding, flowering in the greatest profusion throughout the Summer. For bedding they should be started in hotbed in March and April.

### SINGLE TUBEROUS-ROOTED

**Separate Colors:** Crimson, Pink, Salmon, White, Yellow or Mixed. Each 35c., doz. \$3.50, 100 25.00.

### DOUBLE TUBEROUS-ROOTED

**Separate Colors:** Crimson, Pink, Salmon, White, Yellow or Mixed. Each 35c., doz. \$3.50, 100 25.00.



Begonia, Double Tuberous-rooted



Amaryllis Johnsoni

## ANEMONES

Dainty summer flowering plants with flowers 2½ in. in diameter on strong stems.

**Coronaria, St. Brigid.** Double and semi-double. Doz. \$1.20, 100 \$8.00.

**De Caen. Single Mixed colors.** Doz. \$1.20, 100 \$8.00.

## CALLAS (Richardia)

Splendid as pot plants or for outside planting. They may be started inside and safely planted out in May.

**Mrs. Roosevelt.** White flowers tinged with yellow, leaves spotted. Will bloom continuously through the Summer. Each 35c., doz. \$3.50, 100 \$25.00.

## CALADIUM ESCULENTUM

### (Elephant's Ear)

Grand, tropical plant. A favorite for specimens on the lawn. Height 3 to 4 ft.

**Large Bulbs,** 7 to 9 in. in circum. Each 25c., doz. \$2.50.

**Mammoth Bulbs,** 9 to 11 in. Each 35c., doz. \$3.50.

## FANCY-LEAVED CALADIUMS

Beautiful, variegated-leaved plants adapted for pot culture or bedding if given sheltered positions. Bulbs planted in late May make a pretty display borders or for edging taller plants.

**Fancy-leaved Mixed Varieties.** Each 40c., doz. \$4.00, 100 \$30.00.

## CRINUMS

Summer flowering bulbs, closely allied to Amaryllis. They can be used as a pot plant or planted in the garden for the Summer and taken up in the Fall.

**Fimbriatum.** Pure white with lavender-pink stripes through center of petals. Each 75c., doz. \$7.50.

**Kirkii.** Flowers pure white, striped with purple. Flower spikes 2 ft. high. Each \$1.00, doz. \$10.00.

**Powell Pink.** Peach blossom pink. Each \$1.00, doz. \$10.00.

## CANNAS

Cannas should not be planted until the warm weather sets in, or about May 15th. If planted too early the bulbs are apt to rot.

The following are a selection of the largest flowering varieties which we can recommend for bedding or borders. We shall be pleased to supply other varieties not named at catalog prices.

## Novelties in Cannas

The new Cannas far surpass the older varieties in colors and wonderful trusses of flowers. For borders or beds they are unequalled for beauty and mass of color throughout the growing season.

**Antoine Wintzer.** The most gorgeous, dazzling, crimson color yet introduced. 5 ft. 3 for \$1.50, doz. \$5.50.

**Commander Byrd.** One of the best near-white Cannas. Fifteen to twenty flowers in a truss. 5 ft. 3 for \$1.50, doz. \$5.50.

**Mrs. Herbert Hoover.** The buds are a deep Oriental carmine and open to a luscious watermelon-pink on erect strong stems. 4 ft. Each \$1.00, doz. \$10.00.

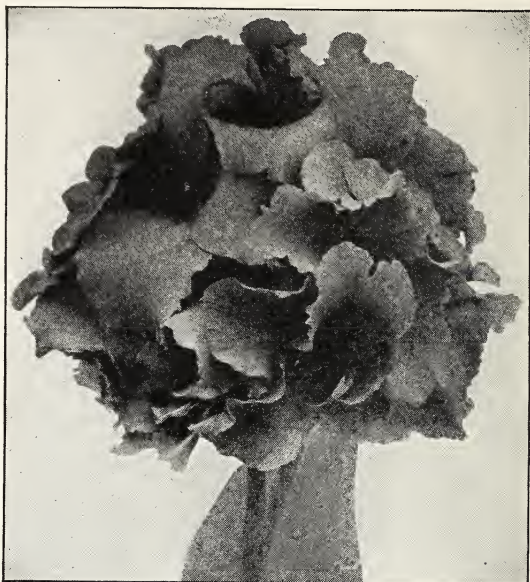
**Mrs. Pierre S. duPont.** For sheer beauty this Queen of bright pink Canna is unequalled. Very large flowers. 2 for \$1.50, doz. \$7.50.

Prices quoted are for dormant roots.

Plants can be supplied at 75c. per dozen extra for delivery in May and June.

## Matchless Cannas

**American Beauty.** A velvety Oriental carmine, unusually attractive. 5 ft. 6 for \$1.00, doz. \$1.75.



Canna, Mrs. Pierre S. DuPont

## CANNAS—(Continued.)

**Apricot.** The color is a buff-yellow base overspread with salmon-pink, making a mass effect of rich apricot. 4 ft. 6 for \$1.00, doz. \$1.75.

**City of Portland.** A beautiful rose-colored Canna. 4 ft. 6 for \$1.00, doz. \$1.75.

**Golden Wedding.** The best of the dwarf yellow varieties. 3 ft. 6 for \$1.25, doz. \$2.00.

**Hollywood.** Orange pink, shading out to salmon-orange at the tips of the petals. 4 ft. 6 for \$1.25, doz. \$2.00.

**King Humbert.** Orange-scarlet, streaked crimson. Bronze leaved. 4 ft. 6 for \$1.00, doz. \$1.75.

**King Midas.** Very large flowers of glittering gamboge-yellow. 5 ft. 6 for \$1.25, doz. \$2.00.

**Laird's Favorite.** A most attractive orange-yellow. 4 ft. 6 for \$1.25, doz. \$2.00.

**Montezuma.** Rich velvety flowers of nopal-red and scarlet. Bronze foliage. 3½ ft. 6 for \$1.25, doz. \$2.00.

**Mrs. A. F. Conard.** A beautiful salmon-pink. A very popular variety. 4 ft. 6 for \$1.25, doz. \$2.00.

**Palm Beach.** Broad long-petaled flowers of maize-yellow, with a faint blush of pink. 4 ft. 6 for \$1.00, doz. \$1.75.

**Razzle Dazzle.** Crimson-maroon, each petal edged with brilliant yellow. 4 ft. 6 for \$1.25, doz. \$2.00.

**The Ambassador.** Brilliant, large cherry-red flowers. Bronze foliage. 4 ft. 6 for \$1.25, doz. \$2.00.

**The President.** A rich glowing scarlet, immense, firm flowers. 4 ft. 6 for \$1.25, doz. \$2.00.

**Wintzer's Colossal.** Very large striking vivid scarlet flowers. 5 ft. 6 for \$1.25, doz. \$2.00.

**Wyoming.** A very large orange-colored flower. Bronze foliage. 7 ft. 6 for \$1.25, doz. \$2.00.

Prices quoted are for dormant roots. Plants can be supplied at 75c. per dozen extra for delivery in May and June.



Canna, Mrs. Herbert Hoover

## SUMMER FLOWERING BULBS—Continued

## CINNAMON VINE

**DIOSCOREA batatas.** A rapid growing Summer climber, with bright green, glossy foliage and spikes of cinnamon-scented white flowers. Each 15c., doz. \$1.50, 100 \$8.00.

## DAHLIAS

See Pages 56 to 61.

## GLADIOLUS

See Pages 62 to 65 for illustrations, description and prices.

## GLOXINIAS

Handsome Summer-flowering, tuberous-rooted plants adapted for pot culture. One bulb should be used for a 4-in. pot, using properly mixed soil and care being taken in watering.

	Each	Doz.
Red, White or Blue.....	\$0.50	\$5.00
Choice Mixed Colors.....	.50	5.00

Bulbs ready for delivery in February.

## HYACINTHUS CANDICANS

(Cape Hyacinths)

A snow-white Summer-flowering Hyacinth, growing 3 to 5 feet in height, gracefully surmounted with from twenty to thirty pure white, bell-shaped flowers.

**Extra Large Bulbs.** Each 15c., doz. \$1.50, 100 \$10.00. If wanted by mail add 15c. per doz. for postage.

## ISMENE (Calathina Grandiflora)

One of the best of our Summer-flowering bulbs. Clusters of large, fragrant, pearly white flowers, resembling the Amaryllis family.

**Large Bulbs.** Each 30c., doz. \$3.00, 100 \$22.00.



Gloxinia Hybrida



Ismene

## IRIS, JAPANESE

The Japan Iris is perfectly hardy and flowers in great profusion in July and August.

The large size of the flowers is noteworthy, as they often reach 6 to 8 inches across in most fascinating combinations.

**Gold Bound.** Large, pure white, yellow center.

**Helen von Siebold.** Reddish violet, veined white, three petals.

**Oriole.** Large double flowers of rich plum red, shaded deep purple.

**Pyramid.** Violet-blue, veined white in center of each petal.

**Templeton.** Double light blue, mottled rose and white.

**Victor.** White, veined violet-blue, purple center.

**Prices of the above, strong clumps. Three for \$2.00. Dozen \$7.00.**

## IRIS, SIBERIAN

Narrow, glossy foliage, delicate flowers on tall stems. Excellent for cutting as the blooms keep well in water and can be used with other flowers.

**Sibirica orientalis.** Purplish blue. 2 to 3 ft. 3 for \$1.50, 10 \$4.00.

**Sibirica Perry's Blue.** A large flower of clear blue with horizontal falls. 4 ft. 3 for \$2.50. 10 \$7.00.

**Snow Queen.** Flowers pure white. A strong growing variety. 3 for \$1.50. 10 \$4.00.

LILY-OF-THE-VALLEY PIPS  
FROM COLD STORAGE

We have in storage a large quantity of Dresden Pips for forcing at any season of the year.

Lily-of-the-valley can be forced in about four weeks from cold storage pips. We cannot supply less than 250 pips.

**Marshall's Matchless Pips.** Case of 250 for \$17.50.

## MADEIRA or MIGNONETTE VINE

A rapid growing, beautiful and popular vine, covering a large space in a short time. Heart-shaped leaves of a light green, with numerous racemes of feathery flowers of delightful fragrance.

**Mammoth Bulbs.** Each 15c., doz. \$1.50, 100 \$10.00.

## SUMMER FLOWERING BULBS—Continued

## MONTBRETIAS

Hardy Summer-flowering bulbous plants which should be planted in the early Spring and will flower in September. Bulbs may be left in borders during the Winter, if well covered, and will flower earlier than Spring-planted stock.

	Doz.	100
<b>Fire King.</b> A glowing scarlet. Large flowers of the finest quality.....	\$1.00	\$7.00
<b>George Davidson.</b> Free flowering yellow	1.50	10.00
<b>His Majesty.</b> An outstanding and decidedly meritorious variety. Immense size flowers of brilliant red with yellow center. A beautiful flower for cutting or decorative purposes. 3 for \$1.00.....	3.50	25.00
<b>King Edmund.</b> Giant rich golden with brown markings in throat. Tall, sturdy grower.....	1.50	10.00
<b>Lady Hamilton.</b> A lovely large yellow, shading to apricot at the center.....	2.00	12.00
<b>Lord Nelson.</b> A rich deep crimson-scarlet .....	2.00	12.00
<b>Queen Alexandra.</b> Immense bright golden orange with contrasting crimson bars.....	3.00	20.00
<b>Westwick.</b> Distinct orange red with clear yellow eye, surrounded with a circle of maroon.....	3.00	20.00
<b>Mixed Varieties.</b> .....	1.00	6.00

½ doz. sold at dozen rate.



Montbretia His Majesty

## NERINE

**Fothergilli major.** The finest of all the Nerines, producing large red flowers with a golden glitter as if sprinkled with gold dust. Adapted for pots and greenhouses. Well ripened bulbs for delivery end of May and June. Each \$1.50, doz. \$15.00.



Oxalis

## OXALIS

No bulb is more valuable for edging the borders of walks or flower beds. Elegant foliage and pretty flowers, bloom quickly after planting. The bulbs should be taken up and stored in the Fall in Northern latitudes.

**Dieppei.** Pure white.

**Lasiandra.** Rosy pink, cut foliage.

**Shamrock.** Clover-like foliage; pink flowers.

**Mixed Colors.** Several varieties.

**Mammoth Bulbs.** Doz. 30c, 100 \$2.00.



Tigridia (see page 55)

## THE BOOK OF BULBS

A very useful book for all lovers of bulbs and their cultivation. Price \$2.00 postpaid.

## TIGRIDIA (Shell Flower)

Very showy summer flowering bulbs growing about 24 inches in height. Bulbs should be planted 2 inches deep and 6 inches apart and treatment similar to gladiolus should be given them.

**Pavonia rosea.** A very handsome flower with salmon-rose, spotted flowers. 2 for 50c., doz. \$2.50, 100 \$18.00.

**Pavonia Mixed Colors.** 2 for 50c., doz. \$2.50, 100 \$18.00.



Tritoma Rufa Hybrids

## TRITOMA

Valuable hardy border plants adapted for cutting and long flowering period.

The roots of Tritoma should be lifted in the Fall and stored in cool cellars or frames for the Winter in all the northern states.

**grandis** (Pfitzeri). Free flowering orange scarlet, shading to salmon rose at the edge. Height 2 to 3 ft. 3 for 90c., 10 for \$2.50.

**Rufa.** A very dainty yellow flower for cutting; and constant bloomer from June until frost. Height 2½ feet. 3 for \$1.25, 10 for \$3.50, 100 \$30.00.

**Rufa Hybrids.** A very delightful and charming range of colors. From a pure white they run into pale and deep yellows, bronzes, oranges, terra-cotta, coral, deep pinks and reds. A galaxy of artistic shades which will find a ready welcome from gardening enthusiasts seeking the unique and unusual.

Price 3 for \$1.50, 10 for \$4.00, 100 for \$35.00.

## TUBEROSES

One of the most fragrant and popular of the Summer flowering bulbs. May be started in hotbeds or pots, or planted in open ground after the first day of May.

	Each	Doz.	100
<b>Excelsior Double Pearl.</b> Extra fine bulbs.....	\$0.15	\$1.25	\$8.00
<b>Armstrong's.</b> The single ever-blooming Tuberose.....	.15	1.25	8.00



## VALLOTA PURPUREA

### SCARBOROUGH LILY

An evergreen bulbous plant of easy culture. It is one of the most ornamental of the Amaryllis family. It makes a fine pot plant and will grow continually throughout the year, flowering usually in August or September. Large bulbs. Each 75c., doz. \$7.50.



## ZEPHYRANTHES

### ZEPHYR FLOWER OR FAIRY LILIES

A hardy, dwarf, bulbous plant, flowering in great profusion in the Summer. Bulbs should be lifted and stored in the Fall in Northern latitudes.

**rosea.** Beautiful clear rose, very large flowers. 3 for 60c., doz. \$2.00, 100 \$15.00.

**candida.** The Fall flowering white variety. 3 for 50c., doz. \$1.50, 100 \$10.00.

# MARSHALL'S DECORATIVE DAHLIAS

The Decorative Dahlias have very large flowers with broad petals; they all flower freely on long, strong stems. Our list of varieties is selected from the best adapted for exhibition and cutting.

The varieties marked F.D. are Formal Decoratives and varieties marked I.D. are Informal Decoratives.

## SUPREME DECORATIVES

All varieties preceded by asterisk (\*) are recommended for cutting.

	Each
<b>America's Glory.</b> Scarlet tipped white on long stems.....	\$5.00
<b>Asbury Park.</b> F.D. A beautiful autumn color, bright strawberry red, flushed with salmon, and tinted gold toward the tip of the petals.....	10.00
<b>Brocton Beauty.</b> I.D. A profuse bloomer of great depth and size. Color a pinkish lavender shading to creamy white center, with reverse petals of pinkish lavender. A wonderful keeper.....	3.00
* <b>Charlotte La Frenze.</b> I.D. Beautiful shades of yellow salmon and apricot.....	2.50
* <b>Chavacano.</b> F.D. Enormous, deep bloom of rich gold.....	2.50
* <b>Chemar's Eureka.</b> F.D. This wonderful white was seen in its magnificent form and admired by all last year. Long stiff stems.....	4.00
<b>Chemar's Snow White.</b> F.D. An outstanding pure white, robust grower, large deep flower on 3 ft. cane stiff stem.....	10.00
<b>Chemar's Treasure.</b> A pure golden bronze color all through, with large petals. Large exhibition flower on good stiff stem.....	4.00
<b>City of Jackson.</b> F.D. A gorgeous Autumn color. Ten inch perfect flowers, strong stems.....	10.00
* <b>City of Trenton.</b> F.D. An autumn color of rich glowing tangerine, reverse strawberry red.....	3.00
* <b>Clara Fisher.</b> F.D. Golden yellow with light rose suffusion. Excellent for cutting.	2.00
<b>Coquette.</b> I.D. A combination of red and gold.....	2.00
* <b>Derril W. Hart.</b> F.D. Color is copper, shading to henna and brown, the center showing a gold tint.....	3.50
<b>Doris Fellows.</b> F.D. Perfectly formed flowers of pale yellow, shaded to salmon at the tips.....	5.00
<b>Dorothy Stone.</b> F.D. A shade lighter than Kathleen Norris.....	5.00
<b>Dr. Ellis Bartley.</b> F.D. An immense perfect flower of orchid pink. A 12-inch flower. Plants.....	4.00
<b>Dr. John Carman.</b> F.D. Tyrian rose tipped silver.....	3.00
<b>Dwight W. Morrow.</b> I.D. A gigantic red Dahlia that is admired by everyone. Plants.....	5.00
* <b>Eagle Rock Beauty.</b> I.D. A beautiful combination of pink and cream. Immense blooms.....	3.00
<b>Eagle Rock Fantasy.</b> I.D. A novel shade of spotless mallow-pink. Huge size flowers, splendid stem and vigorous growth. Plants.....	10.00
* <b>Edith Beryl.</b> Gold, apricot on the twisted reverse petals.....	2.00
* <b>Eliza London Shepard.</b> I.D. Deep orange gold, reflex a deeper shade of the same color.....	7.50
<b>El Rey.</b> F.D. A rich salmon of J. Beauty type.....	5.00
<b>Fairmount.</b> I.D. A pure pink in a beautifully proportioned bloom. Healthy vigorous grower.....	4.00
* <b>Francesca.</b> I.D. A perfect decorative form, color brilliant bronze with lots of bright orange through it, reverse of petals a brilliant orange.....	2.00
* <b>Frank Miller.</b> F.D. A very large bright lemon yellow on a long straight stem. Slight suffusion at base of petals.....	4.00
<b>Fort Morgan.</b> I.D. A very dark red; large flower.....	2.50
<b>Fred. W. Patterson.</b> F.D. Lavender pink with deep amaranth pink reverse, long stiff stem.....	5.00



Dahlia, Marshall's Matchless

## DECORATIVES—Continued

	Each
<b>Harry Mayer.</b> F.D. A beautiful silvery pink, with a deep rose pink on reverse petals.....	\$2.00
* <b>Hazel Jean.</b> I.D. Similar color to Jean Cowl in a smaller flower.....	3.00
<b>Helen Ivins.</b> F.D. A beautiful orchid lavender.....	3.00
* <b>Jane Cowl.</b> I.D. By far the finest Dahlia seen at the Exhibitions in 1930. Deep massive blooms of bronzy buff and old gold, blending deeper towards the perfect center.....	1.00
* <b>Jersey's Triumph.</b> F.D. A real autumn shade of bright copper flushed with salmon bronze.....	5.00
<b>Judge Leon McCord.</b> F.D. An enormous flower of the deepest shade of gold with shading of old gold.....	5.00
<b>Judge Shinn.</b> F.D. A combination of gold and salmon.....	4.00
<b>June Fellows.</b> F.D. The color is lavender with a suffusion of mulberry; very beautiful.....	5.00
<b>Katherine Cole.</b> A beautiful combination of light pink and cream. A wonderful keeper on long stems.....	5.00
* <b>Kathryn Charman.</b> F.D. A blending of rich bronzy red to golden bronze in the center.....	4.00
* <b>Kathleen Norris.</b> I.D. True rose pink, deepening later to mallow pink with central petals a lighter shade. Blooms held erect on long stems.....	4.00
* <b>King Midas.</b> I.D. A gorgeous golden yellow.....	5.00
<b>Mabel S. Douglas.</b> I.D. Color a clear pastel lavender, with a graceful curl on the long petals.....	5.00
<b>Margaret F. Wylie.</b> I.D. A bright vermilion rosy red, with the reverse of each petal rose and silver.....	5.00
<b>Marie.</b> F.D. Color deeper and brighter than Jersey's Beauty. Profuse bloomer.....	3.00

## Decorative Dahlias—Continued

**\*Marshall's Blue Gem.** F.D. The color is the nearest approach we have to blue. Perfect large blooms on long stout stems....\$3.00

**Marshall's Matchless.** I.D. A huge stag horn decorative of light orchid shading to Cattleya in center. Can easily be grown 12 inches in diameter and cut with a four-foot stem. Plants..... 3.00

**\*Marshall's Pink.** F.D. A wonderful shrimp pink. Long stiff stem, a wonderful robust grower, and one of the best for cutting... 2.50

**\*Marshall's Sagamore Gold.** F.D. A pure gold with more orange than Sagamore. Perfect flower, stem and habit..... 2.50

**Marshall's Triumph.** F.D. A seedling from Jersey's Beauty with all its good habits, stem five feet, robust grower and will keep a week. Color brilliant dark velvety red. A sterling variety. Plants..... 5.00

**May Dearborn Schwab.** I.D. The color is described as Chinese violet; immense blooms ..... 5.00

**May Trower.** I.D. Color palest gold to golden apricot. A large deep flower.... 2.50

**\*Minamoto's Pink.** I.D. Light cattleya pink. 2.50

**\*Miss Delaware.** F.D. A magnificent pink, a shade lighter than Kathleen Norris and much larger flower..... 4.00

**Monmouth Champion.** F.D. A strong vigorous grower, producing extra large flowers of a brilliant orange flame. Stems perfect. 5.00

**\*Mrs. Alf. B. Seal.** I.D. A pure, rich glowing old rose without a trace of any other color. Undoubtedly the largest in its color produced..... 5.00

**\*Mrs. A. E. Wheeler.** F.D. A wonderful decorative. The color is beautiful, fuchsia, shading to magenta with reverse of petals striped white showing in the center. Stem long and stiff..... 4.00

**\*Nathan Hale.** F.D. A shade darker than Sagamore ..... 2.50

**Old Hickory.** F.D. Large blooms almost ball shaped of madder red with apricot suffusions ..... 2.00

**\*Orange Beauty** (Chemar's). I.D. A wonderful salmon orange sport of Jersey's Beauty. Flowers are carried on long stiff stems making it a valuable variety for cutting. Long keeping qualities... 3.50

**Orinda.** I.D. A huge Dahlia on a long straight, stiff stem. Color a deep, rich mauve ..... 5.00

**Orpin.** F.D. A glorified Sagamore, much brighter color..... 3.00

**President Hoover.** F.D. Peach red, blending to begonia rose. A very bright color.... 5.00

**Regal.** F.D. A bronze, heavily suffused old rose, shading to old gold at center..... 3.50

**\*Roseatta.** This wonderful Dahlia won the Darnell Cup for the best keeping variety at the A. D. S. Show and was the only entry in good condition on the last day. The color is amber overlaid with old rose, flowers perfect in shape and size. Plant a good grower and prolific bloomer. This Dahlia should be in every collection..... 3.00

**Rose Stilson.** I.D. A beautiful dark rose... 4.00

**Santa Barbara.** I.D. Soft rose pink. Plants 2.00



Orange Beauty

**\*Seal's Californian.** F.D. Bright golden yellow at center, shading at outer petals, tips suffused very lightly with bronze rosy pink. Strong stiff stems..... 2.00

**\*Supreme Glory.** F.D. A large light yellow, suffused rose, on a long stem..... 5.00

**\*Tarrytown.** I.D. In color it is principally bronze, shading darker towards the edges. Excellent grower and strong stems..... 5.00

**Thomas A. Edison.** F.D. A gorgeous royal purple with a sheen of velvet. Perfect stems ..... 7.00

**\*Treasure Island.** F.D. One of the brightest autumn shade dahlias. Color bright apricot with old gold and rose suffusions and shadings ..... 3.50

**\*The World.** F.D. An unusually rich, deep rosy magenta overlaid with garnet..... 3.00

**\*Valeska.** I.D. The immense deep lilac blooms have a deep rose-like formation, stem first class and a luxuriant producer. 2.50

**\*Violet Wonder.** F.D. The best violet colored Dahlia. Fine strong stems and perfect flower ..... 3.00

**\*Waldheim's Sunshine.** F.D. A true deep yellow with deeper reflex. An ideal grower ..... 4.00

**\*Watchung Chief.** F.D. A combination of autumn shades..... 3.00

**Watchung Maroon.** A beautiful maroon... 4.00

**Watchung Prince.** F.D. A large bright yellow ..... 4.00

**\*Watchung Sunset.** F.D. A large flower of deep shade of old rose..... 4.00

**Watchung Wonder.** A rich royal red with a touch of gold at the center of the flowers ..... 5.00

**\*Western Giant.** I.F. Very bright orange with tints of gold, reverse of petals are salmon rose.....Plants 2.50

**\*White Empress.** I.D. A pure white of good size and fine stems..... 3.50

**\*Yankee Queen.** I.D. Silvery pink, long stem 2.00

**\*Yankee King.** Intense flame with rose reverse. Large flowers on bold erect stems. 2.00

**Yellow Beauty.** F.D. Pure empire yellow, seedling of Jersey's Beauty..... 4.00

**\*York & Lancaster** (War of Roses). F.D. The best red and white in commerce. Very effective ..... 3.00

All prices are for tubers except where noted.

## DECORATIVE DAHLIAS

The following are selected as being some of the best of the popular varieties.

Our large stocks of these enable us to offer all at popular prices.

Varieties marked thus (\*) are most suitable for cutting.

- \*Altesse, I.D. Bright buttercup yellow.
  - \*Avalon, F. Pure canary yellow.
  - \*Amun Ra, F. Copper and orange.
  - Black Beauty, I.D. Dark velvety maroon.
  - Barbara Redfern, I.D. Old rose and gold.
  - Calvin Coolidge Jr., F. Bright rose-pink edged gold. 50c.
  - Champagne, F. Shades of copper and chamois.
  - \*Chemar's Purity, F.D. A perfect white.
  - \*Chas. Stratton, I.D. Amber and rose. 25c.
  - Dr. Tevis, I.D. Old rose suffused with gold.
  - \*Eldorado, F. Golden yellow.
  - \*Eleanor Vanderveer, F. Satiny rose pink. 25c.
  - Eliza Clark Bull, F. A very large white.
  - \*El Toredor, F. A glowing crimson on good stem. 50c.
  - \*F. T. D. F. A rich tyrian rose color.
  - Elkridge, I.D. A ten-inch, pure white on a long stiff stem.
  - \*Florence Finger, F. A wonderful orchid. 25c.
  - \*Francis Lorooco, F.D. A large yellow on a three-foot stem. 25c.
  - Fort Washington, F.D. Dark mahogany red.
  - \*Golden Beacon, F. A Jersey's Beacon in gold.
  - Halvella, F. A beautiful rose pink.
  - \*Jane Cowl, I.D. A warm buff and old gold.
  - \*Jersey's Beacon, A Chinese scarlet. 25c.
  - \*Jersey's Beauty, F. A real rose pink. 25c.
  - Jersey's Jewel, F. A monstrous mallow pink.
  - \*Jersey's King, F.D. Begonia rose.
  - Judge Marean, F. Salmon pink, orange and gold. 25c.
  - \*Lilian Baldwin, F. A bright watermelon pink.
  - \*Kitty Dunlop, F. Rose pink. Good stems.
  - \*Margaret Masson, F. A silvery rose pink. 50c.
  - Marie, F. Deeper and brighter than Jersey's Beauty.
  - Marmion, I.D. Yellow with bronze suffusion.
  - Miss Huntington, F.D. Brilliant scarlet.
  - Mordella, F. A bright apricot buff color.
  - \*Mr. Dix, F. Bright orange on long stem.
  - \*Mrs. I. DeVer Warner, F. A deep mauve pink. 25c.
  - \*Mrs. Sarah W. Wood, Flame scarlet.
  - \*Oyster Bay Beauty, F. A very large maroon flower. 25c.
  - Paul Michael, F. Bright orange shading to gold.
  - \*Paul Reverse, F. Rich bright velvety red.
  - \*Pride of Stratford, F. Copper, reflex dark coral red.
  - Pride of St. Louis, F.D. American Beauty red.
  - Queen of the Garden Beautiful, F.D. Primrose yellow.
  - Raven, I.F. Very dark, almost black.
  - \*Robert Treat, F. American Beauty rose color.
  - \*Rose Fallon, F. Dark orange tinted amber and salmon. 25c.
  - \*Rosa Nell, F. Clear bright rose.
  - \*Roman Eagle, F. Roman gold.
  - \*Sagamore, F.D. Amber gold, shaded salmon rose and orange buff. 25c.
  - \*Sanhican's Beauty, F.D. Soft pinkish orange.
  - \*Sanhican's Queen, F.D. Apricot and carmine rose.
  - \*Sanhican's King, F. Bright tawny gold, shading to bronze.
  - Susan G. Trevis, F. A mulberry shade.
  - The Emperor, F. An enormous purple maroon.
  - \*The Grizzly, I.D. Velvety, crimson maroon.
  - The Giantess, F. Buff suffused old rose.
  - \*Tommy Atkins, F. Flaming scarlet.
  - \*Trentonian, F. A perfect flower in brown tones.
  - \*Watchung Sunrise, F.D. Golden amber, reverse petals and edges rose pink.
  - Wizard of Oz, F. A very large amber pink.
  - World's Best White, F. One of the best whites.
- Tubers of any of the above except where noted:  
 Each.....\$1.00      Doz.....\$10.00



Dahlia Rosette

## ROSETTE DAHLIAS

### Miniature Decorative Dahlias

Here we offer a distinctly different class of Dahlias than those listed elsewhere. They have aptly been called the "vest pocket" editions of the huge flowering decorative types. Compact and sturdy in habit, they are perfect gems for cutting and no collection of Dahlias can be considered complete without a quota of these charming miniatures. We think so highly of them that we have made a colored plate of some of the best.

- |   | Each   |
|---|--------|
| Carine, A bright orange on long stem.....   | \$1.00 |
| Charlotte, Bright fawn, on long stems.....  | 1.00   |
| Clown, Dark maroon evenly striped white..   | 1.00   |
| Coronna, A clear white.....   | 1.00   |
| Coronne, White quilled petals.....  | .75    |
| Cupedo, Lilac rose with long stems. Choice.   | 1.00   |
| Elizabeth Pape, A bright rose pink with amber suffusion. A distinct Cactus form with a 2½-inch flower.....  | 1.00   |
| Garden Love, Brilliant carmine pink. Superb   | 1.00   |
| Giov, Brilliant orange-scarlet. Extra fine..  | 1.00   |
| Irene, Exquisite old rose.....  | .50    |
| Little Champagne, Shades of copper and chamois .....  | 2.00   |
| Little Jewel, Pastel pink shade; perfect form .....   | 1.00   |
| Marshall's Jewel, A perfect gem for cutting. Color salmon with orange suffusion.....  | 1.00   |
| Marshall's Rosette, A wonderful keeper and cut flower. Color amber suffused with pink   | 1.00   |
| Marshall's Unusual, A rare variety in form. Outside petals are pink Cactus form and inner petals pure white Decorative form. Flowers under three inches. Tall grower. | 2.00   |
| Our Annie, Pleasing shrimp pink, shaded with amber.....   | .75    |
| Peach, A delightful soft pink, shaded with lemon at base.....   | 1.00   |
| Red Sea, A bright red on a good stem.....   | .50    |
| Rhoda, A glowing orange and rose pink....   | 1.00   |
| Wemco, Buff suffused pink, small flower....   | 1.00   |

## CACTUS DAHLIAS

The following varieties comprise the cream of the novelties which have proved to be of extra merit.

The Incurved varieties are marked I.C.; Re-curved or straight varieties, R.C.; Fully double varieties, S.C.

Varieties marked with asterisk (\*) are most suitable for cutting.

<b>Ambassador.</b> R.C. Soft yellow shaded salmon pink.....	Each \$1.50
* <b>American Triumph.</b> I.C. A bright shade of oriental red. Flowers deep and good substance .....	5.00
* <b>Attraction.</b> R.C. Clear lilac rose.....	.75
<b>Chemar's Masterpiece.</b> I.C. A beautiful orchid pink.....	1.00
* <b>Chemar's U. S. A.</b> R.C. Apricot buff suffused gold.....	1.00
<b>Cigarette.</b> R.C. White, tipped and splashed burnt orange.....	1.00
* <b>Edna Ferber.</b> S.C. Color glistening coral, shading to old gold at the base of the petals .....	1.00
<b>Farncott.</b> R.C. Color Aster purple tipped white. Perfect stem, free bloomer.....	1.00
* <b>Fort Monmouth.</b> R.C. Giant, crimson maroon .....	4.00
<b>Francis Lobdel.</b> S.C. Mallow pink and white. .75	
<b>F. W. Fellows.</b> R.C. Orange and terra cotta .50	
<b>Gladys Sherwood.</b> R.C. A giant white.....	1.00
<b>George Walters.</b> R.C. Salmon pink, shaded gold .....	.75
* <b>Golden Trumpet.</b> I.C. Golden yellow. Free flowering .....	2.00
<b>Ian.</b> R.C. Clear yellow, shading to pink... 1.00	
<b>Jean Hare.</b> I.C. Golden yellow changing to golden bronze.....	1.50
<b>Jean Trimbee.</b> R.C. A rich petunia violet shade, very large flowers, stiff straight stems .....	7.50
<b>Jersey's Mammoth.</b> R.C. Golden mahogany. 1.00	
<b>Kalif.</b> R.C. Vivid turkey red.....	.50
<b>Lilian Sheridan.</b> I.C. Bronzy red with yellow tips.....	1.00
* <b>Minnie Eastman.</b> R.C. Bright flame.....	4.00
<b>Papillion.</b> R.C. Old rose with gold tints... 1.00	
<b>Pierrot.</b> I.C. Deep amber tipped with white .75	
<b>Robert E. Lee.</b> I.C. Cardinal red.....	5.00
<b>Silverado.</b> I.C. A large white, shading to silvery lavender towards the center.....	1.00
<b>Siskiyon.</b> R.C. Pink tinged mauve.....	1.50
<b>Snowdrift.</b> I.C. A giant pure white.....	1.00
* <b>Springfield Rose.</b> R.C. Rose overlaid salmon 1.00	
<b>The Grizzly.</b> R.C. Dark velvety maroon... 1.00	
<b>Venus.</b> I.C. White suffused pink.....	1.00
* <b>White Sister.</b> R.C. Pure white.....	2.00



Landscape Gem Dahlia

## LANDSCAPE DAHLIAS

The following varieties are best for landscape effect or use in borders. They are profusely free flowering, grow about 3 to 4 ft. high and do not show any seed pods on the old flower stems.

<b>Autumn Beauty.</b> Dec. Tones of browns, oranges and yellows. 5 ft.	
<b>Autumn Gem.</b> Color a rich burnished gold shading to a reddish bronze center. 3½ ft.	
<b>Countess of Lonsdale.</b> Cactus. Deep salmon red. 50c.	
<b>El Toreador.</b> Dec. Bright ruby red, 3 ft.	
<b>Landscape.</b> Dec. Dark velvet-red. 3 ft.	
<b>Landscape Beauty.</b> Deep mauve, suffused lavender. 5 ft.	
<b>Landscape Gem.</b> Cactus. Orange apricot. 3 ft.	
*Tubers of the above: Each \$1.00, doz. \$9.00.	

## SINGLE DAHLIAS

These have become very popular for cutting purposes. We list a few of the best varieties.

<b>Ami Barillet.</b> Brilliant scarlet, dark foliage. Each \$0.75	
<b>Belle of Mexico.</b> Rose shaded to yellow in center .....	1.00
* <b>Blizzard (Duplex).</b> A large white.....	1.00
<b>Eckford.</b> White suffused and tipped crimson .....	1.00
<b>Fragrance.</b> The fragrant Dahlia. Each petal snow white with margin of bright scarlet. 2.00	
<b>Fugi San.</b> Bronze yellow with crimson ring. 1.00	
* <b>Indian.</b> Indian red, free flowering. 2 ft.... 1.00	
<b>Jack Century.</b> Scarlet, extra fine.....	1.00
<b>Marshall's Fire Flame.</b> A brilliant flame on a long stem. Free flowering.....	1.00
<b>Marshall's Gloria.</b> A pure white with each petal edged with bright rose. Fine for cutting .....	1.00
<b>Newport Triumph.</b> Bronze, shaded salmon pink .....	1.00
<b>Newport Wonder.</b> A beautiful rose pink... 1.00	
<b>Purity.</b> The best white single.....	1.00
<b>Rose Pink.</b> Rose pink, long stems.....	1.00
<b>Sambo.</b> Dark maroon. Extra fine.....	.75
<b>Splashed Gem.</b> White, splashed and streaked with rosy red; long stems, free flowering. 1.00	
<b>Surrey Star.</b> Old rose, shading to orange in center, long stems.....	1.00
<b>Tango Century.</b> A very large bronze.....	.50
<b>Union Jack.</b> A combination of red and white .....	1.00

## ENGLISH CHARM DAHLIAS

### Miniature Dahlias of Peony-flowered Type

The newest type from Europe. They form bushy plants, 2½ to 3½ feet in height and are literally covered with flowers all season. The medium sized, semi-double blooms are carried on rigid, wire-like stems well above the foliage, making ideal garden plants. As cut flowers they are superb, keeping fresh in water for many days.

<b>Electron.</b> Rich carmine red, shaded orange base .....	Each \$0.75
<b>Fedora.</b> Cerise, salmon and gold.....	.75
<b>Judith.</b> A very odd shade of rusty red.....	.75
<b>Nora Bell.</b> Orange red, yellow base.....	.75
<b>Pink Pearl.</b> A beautiful deep pink.....	.50

### DAHLIA PLANTS

We offer plants of many varieties.  
For prices, etc., see Page 61.

### DAHLIA FERTILIZER. Bag of 100 lbs. \$4.00.

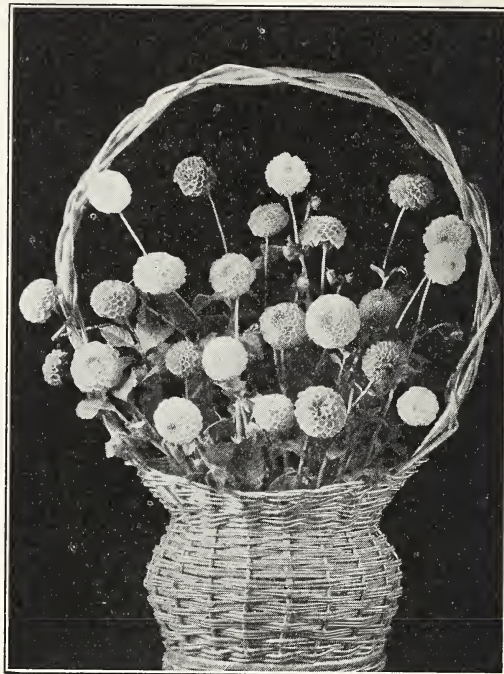
**TO-NA-CIDE.** For Thrip and Red Spider.  
5 lbs. \$1.50, 25 lbs. \$5.00, 100 lbs. \$12.50.

## POMPOM DAHLIAS

Pompom Dahlias, long forgotten and neglected, have staged a "come back" and the reception accorded them by the visitors to our exhibit at the last New York Dahlia Show augurs well for their popularity. Easier to grow than their larger kindred, giving more prodigally of their brilliant blooms, they will be found most useful either as a cut flower or for permanent decoration. Being of rather dwarf growth they require very little support and disbudding is quite unnecessary. The popular prices of these little beauties will enable all lovers of flowers to grow a wide selection of varieties.

Varieties marked \* are small or exhibition flowers, under 2 inches in diam.

	Each
Aimee. A wee bronze gem, long stems.....	\$0.50
*Anita. Deep old rose.....	.50
*Arthur. Small brilliant scarlet.....	1.00
Amber Queen. Amber, shaded orange.....	.50
*Atom. A wee flower of orange.....	.50
Baby. Lavender pink with white tips.....	.75
*Bantam. Brownish red.....	.75
*Belle of Springfield. Crushed strawberry....	.50
Billy Tessie. Old gold edged apricot.....	.50
*Bobbinette. A cream white, edged lavender..	.75
*Bob White. Milk white with a cast of yellow when opening. Dwarf habit.....	.75
*Bossy. A pretty lavender.....	1.00
Catherine. Bright canary yellow; long stems	.50
Charming. Exquisite lavender pink.....	.75
*Clara Elizabeth. Extra fine. Deep scarlet..	.50
Clara Harsh. Yellow, daintily tipped crimson .....	.50
Cora May. Salmon pink shading to primrose yellow, with a rosy eye. A beauty..	1.00
*Cyril. Dark red.....	1.00
Dandy. Light orange.....	.75
Daniel Gordon. Burnt orange.....	.50
*Darksome. Best real dark Pom.....	.50
*Dee Dee. Very small pale lavender.....	.50
Dimples. Golden apricot, dark (brown) center .....	1.00
Dolores. Striking deep pink of one tone...	1.00
*Dot. Small amber.....	1.00
Edith Bryant. Amber with rose edge.....	.50
*Edith Muller. Golden yellow, suffused rosy-red .....	1.00
*Ernest Harper. Brilliant cherry red.....	.75
Fashion. A brilliant orange.....	.50
Gene. Light gold with a brown center.....	1.00
George Ireland. A beautiful shade of mauve	.50
*Girle. Lilac or mauve.....	.50
Glow. Light rose pink of coral. Very pretty	.50
*Goldie. A pure dot of gold.....	1.00
Goldilocks. Pure gold.....	.75
Gypsy. Yellow changing to red.....	1.00
*Helen Anita. Lavender with white center..	.75
*Helen Cottrell. A perfect gem of baby pink.	.50
*Hiavatha. Extra good bright scarlet.....	.75
*Ideal. Bright yellow; fine form. One of the best .....	.75
Joe Fette. The best and smallest white....	.50
*Johnny. A small flower in maroon.....	1.00
Kim. An exceptionally fine bright orange..	.50
Klein Domitea. A fine light bronze.....	.50
Lassie. Yellow base; old rose shadings....	.50
Little Beeswing. Golden base, tipped red...	.75
*Little Bobby. Small plum color.....	.75
*Little David. One of the smallest oranges..	.75
*Little Edith. Bright gold, edged red.....	.75
*Little Frances. Brilliant flame red; long stems .....	1.00
*Little Lloyd. Orange, shaded and edged rose	.50
*Little Mildred. Salmon orange.....	1.00
Little Mary. Dark crimson.....	.75
Little Sweetheart. Bright red, tipped white.	.50
Marshall's Plum. Plum shade.....	1.00
*Micky. Straw color, tipped lavender.....	1.00
*Midget. Soft salmon, suffused violet.....	.50
*Mike. None smaller in burnt orange.....	1.00
Nerissa. A rich Cattleya or orchid pink...	.50
*Nora Reynolds. A tiny flower of Indian red.	1.00
Oleta. Subdued Oriental red; extra long stems .....	.50
*Pee Wee. Yellow slightly edged with rose..	.75
Petite. A lovely new shade of amethyst....	.75
*Phoebe. Bright orange, very small.....	1.00
*Phyllis. Deep yellow, edges red, very fine..	1.00
Pixy. Very small deep yellow, heavily tipped Indian red.....	1.00



Pompom Dahlias

## POMPOM DAHLIAS—Continued

	Each
Pride. Extra fine scarlet.....	\$0.50
Pure Love. A beautiful shade of violet....	.75
*Ralph. A wee red in perfect form.....	1.00
*Regulus. Bright purple; small and compact.	.50
*Ruth Marshall. Variegated red and white..	.75
*Sally. Cream delicately flushed pink.....	.75
*Sizel. A wee flower almost black.....	1.00
Snicker. Dark maroon; almost black.....	.50
Snow Clad. Pure white.....	.50
*Sunset. Bright orange, one of the best.....	1.00
Sunshine. Red scarlet (Bright).....	.75
Susie. Brilliant red. Fine stems for cutting.	1.00
Suzanne. A pretty lavender.....	.50
*Tiny Tim. A pretty peach pink.....	1.00
Tom. Yellow tipped red.....	1.00
*Tom Thumb. Dull scarlet.....	1.00
Virginia Rute. Light lavender, very small..	1.00
*Vivid. Brightest scarlet. Extra fine.....	.50
*Wee Grace. A charming little pompom of white .....	1.00
*Wee Willie. Creamy white.....	1.00
*Yellow Gem. Pure yellow.....	.50

## COLLECTION OF POMPOM DAHLIAS

This collection is made up from varieties that sell for 50c. to 75c. each. Each variety is named and will include a range of all colors.

Collection of 10 tubers for \$3.00. Postpaid.

We will have all the 1932 introductions in plants. List ready in March; on request.

## MARSHALL'S COLLECTIONS OF DAHLIAS

## MATCHLESS COLLECTION \$25.

Elkridge, I.D. Pure white.  
 Frank Miller, F.D. Bright lemon yellow.  
 Fort Monmouth, I.D. Rich claret.  
 Kathleen Norris, I.D. True rose pink.  
 Marshall's Pink, F.D. Shrimp pink.  
 Monmouth Champion, F.D. Orange flame.  
 Mrs. A. B. Seal, I.D. Rich glowing dark rose.  
 Regal, F.D. Bronze and old rose.  
 Sagamore Supreme, F.D. Bright gold, suffused orange.  
 The World, F.D. Deep rose magenta and garnet.  
 Watchung Sunrise, F.D. Golden amber suffused pink.  
 York and Lancaster, F.D. Red and white.  
 The above collection, one tuber of each, value \$40.00, mailed free for \$25.00.  
 Delivery after March 1st.

## SUPREME COLLECTION \$20.

Chemar's Eureka, F.D. White.  
 Chemar's Orange Beauty, F.D. Samon orange.  
 Chemar's U. S. A. R.C. Apricot bronze.  
 Eldorado, F.D. Golden yellow.  
 Elkridge, I.D. A giant white.  
 Kemp's Violet Wonder, F.D. Violet and purple.  
 Minnie Eastman, H.C. Bright flame.  
 Mrs. A. E. Wheeler, F.D. Fuchsia and magenta.  
 Nathan Hale, F.D. Darker shade than Sagamore.  
 Orpin, F.D. Deep rich mauve.  
 Roseatta, F.D. Amber and old rose.  
 Watchung Sunset, F.D. Deep shade of old rose.  
 The above collection, one tuber of each, value \$32.00, mailed free for \$20.00.

## ELITE COLLECTION \$12.

Avalon, F.D. Canary yellow.  
 Barbara Redfern, I.D. Old rose and gold.  
 Charlotte La Frenze, I.D. Gold, red and apricot.  
 Chemar's Eureka, F.D. White.  
 Jane Cowl, F.D. Buff and old gold.  
 Miss Huntington, F.D. Brilliant scarlet.  
 Roseatta, F.D. Amber and old rose.  
 Seal's California, I.D. Yellow tipped pink.  
 Silverado, C. White, shading to lavender.  
 Watchung Sunrise, F.D. Golden amber.  
 The above collection, one tuber of each, value \$17.50, mailed free for \$12.00.

## CHALLENGE COLLECTION \$6.

Barbara Redfern, I.D. Old rose and gold.  
 Chemar's Masterpiece, I.C. Orchid pink.  
 Chemar's U. S. A. F.D. Apricot bronze.  
 Elite Glory, F.D. Rich red.  
 F. T. D. F.D. Tyrian rose.  
 Jane Cowl, F.D. Buff and old gold.  
 Lillian Baldwin, F.D. Watermelon pink.  
 Miss Ruby Velvet, Ruby red.  
 Rose Fallon, F.D. Orange, tinted amber.  
 Sagamore, F.D. Bright gold.  
 Salbach's White, F.D. Ivory white.  
 Yankee King, I.D. Silvery pink.  
 The above collection, one tuber of each, value \$12.75, mailed free for \$6.00.

## POPULAR COLLECTION \$3.

Calvin Coolidge, Jr. F.D. Rose pink and gold.  
 Clara Fisher, Lemon yellow.  
 Eleanor Vanderveer, F.D. Satiny rose pink.  
 Frances La Rocco, F.D. Large yellow.  
 Florence Finger, F.D. Orchid color.  
 Jean Kerr, F.D. A fine white.  
 Jersey's Beauty, F.D. Rose pink.  
 Jersey's Beacon, F. D. Chinese scarlet.  
 Jersey's King, F.D. Begonia rose.  
 Mrs. I. D. Van Warner, F.D. Deep mauve pink.  
 Sarah W. Wood, Scarlet.  
 Sagamore, F.D. Gold shaded rose.  
 The above collection, one tuber of each, value \$6.50, mailed free for \$3.00.

## DAHLIA PLANTS

We can supply green plants of all the varieties listed in this catalogue at \$2.00 or over for tubers. Dahlia Plants are not seedlings and will bloom absolutely true to the variety of tubers from which they are taken. Plants are ready for delivery from May 10th to June 20th at the following prices:  
 Tubers \$10. Plants \$5.00. Tubers \$7.50. Plants \$4.00.  
 Tubers \$5. Plants \$2.75. Tubers \$3.50. Plants \$2.00.  
 Tubers \$3. Plants \$1.75. Tubers \$2.00. Plants \$1.25.  
 All Plants sent by Parcels-Post prepaid.  
 Ask for our Dahlia Plant List ready March 1st.

## Dahlias from Seed

Wonderful Dahlias may be grown from seed and they will bloom the first season, making as large plants and tubers as if grown from bulbs. Bear in mind that each seedling will be a new variety. This makes it the most fascinating part of growing Dahlias. They are seldom like the parent plant in type or color. All the fancy Dahlias of today were grown from seed. Many of them were produced by seed grown by amateurs and sold to growers at fancy prices.

Growing Dahlias from seed is one of the most interesting stages of Dahlia cultivation. Our seed is carefully selected from the choicest varieties. We send postpaid to any post office in the United States, Dahlia seeds in packets.

We are offering \$50.00 for the best seedling grown from this seed and shown at the A. D. S. Show, 1932.

First Prize, \$25.00; Second Prize, \$15.00;  
 Third Prize, \$10.00.

## POMPON DAHLIA SEED

We offer a strain saved from the best of the named varieties of Pompoms.  
 Mixed Pompoms. 50 seeds for \$1.00.

## ROSETTE DAHLIA SEED

Seeds saved from Little Jewel plants.  
 Rosette. 50 seeds for \$1.50.

MARSHALL'S GOLD MEDAL  
XXX SEED

All pedigreed hand picked from selected flowers. Pods ripened on plants. You may buy cheaper seed, we doubt if you get better. We can supply seed from the varieties listed below with name of seed bearing parent on package or in mixture.

Aztec Glory	Jane Cowl
Barbara Ware	Kathleen Norris
Galli Curci	Mrs. A. B. Seal
Eagle Rock Jewel	Peper's Delight
Edna Ferber	Watchung Sunrise
Fort Monmouth	Mixture of above
50 seeds (10 seeds of 5 varieties) \$5.00; 100 seeds (10 seeds of 10 varieties) \$8.00; mixture 50 seeds \$5.00, 100 seeds \$8.00.	

MARSHALL'S XX. SOUTH  
CALIFORNIA GROWER'S SEED

Ambassador	Elite Glory
Champagne	Faith Garibaldi
Eleanor Vanderveer	Jersey's Beauty
Jersey's Beacon	Shadow's Lavender
Mrs. I. de Ver Warner	Marshall's Pink
Sagamore	Mixed Seed
50 seeds ) 10 seeds of 5 varieties) \$3.00; 100 seeds (10 seeds, 10 varieties) \$5.00; 300 seeds (30 seeds, 10 varieties) \$10.00; mixture 50 seeds \$3.00, 100 seeds \$5.00.	

## SINGLE DAHLIA SEED

Coltness Yellow. Clear yellow.....	Pkt. \$0.50
Coronata. Sweet scented, orange, scarlet on outer petals.....	.50
Mignon Mixed. English dwarf.....	.50

## GLADIOLUS

There are no other Summer-flowering bulbs so satisfactory, needing so little attention and thriving so well in almost any ordinary soil as the Gladiolus. Set the bulbs from 3 to 6 inches apart in rows, or for massing 6 inches apart, and about 4 inches deep.

Our selection has been made from many varieties and includes all those of exceptional merit and a wide range of colors.

## BLUE, LAVENDER AND PURPLE SHADES

	Doz.	100
<b>Anna Eberius.</b> Dark velvety purple, pansy-purple blotch in the throat. Beautiful variety. . . . .3 for 30c.	\$1.00	\$7.00
<b>Baron Hulot.</b> A fine violet-blue. . . . .3 for 35c.	1.25	9.00
<b>Berty Snow.</b> Light lavender orchid color, giant blooms, tall and vigorous. . . . .Each 30c.	3.00	20.00
<b>Charles Dickens.</b> Purple violet, taller and more flowers on the stem than Anna Eberius. . . . .3 for 50c.	2.00	15.00
<b>Duchess of York.</b> The best blue, large flower well placed on long stems. . . . .3 for 50c.	2.00	12.00
<b>Heavenly Blue.</b> A large, clear, delicate lavender blue, truly a gorgeous color. . . . .Each 40c.	4.00	30.00
<b>Henry Ford.</b> Very dark Rhodamine purple. Flowers in two rows which fact opposite. . . . .3 for 35c.	1.25	8.00
<b>Herada.</b> Pure mauve with deeper markings on throat. . . . .3 for 30c.	1.00	7.00
<b>Louise.</b> Orchid lavender with deeper blotch in throat. Wide open flower on strong stem. . . . .3 for 30c.	1.00	7.00
<b>Minuet.</b> A self colored lavender, rich, very large flower of heavy substance. . . . .3 for \$1.00	3.00	20.00
<b>Mr. Mark.</b> Light blue with darker throat; robust grower. . . . .3 for 40c.	1.50	10.00
<b>Mrs. Fred C. Peters.</b> Fine lilac-pink with purplish blotch in throat. Large flowers with long, erect stems. . . . .3 for 35c.	1.25	8.00
<b>Muriel.</b> An extra good light blue with darker throat blotch. . . . .3 for 35c.	1.25	8.00
<b>Persia.</b> Velvety dark maroon, with a luminous sheen, buds shiny black, medium size flower, early and attractive. . . . .3 for 35c.	1.25	8.00
<b>Prince of India.</b> Color varies from light to deep smoky gray, banded and penciled with deep slaty blue, mottled white. . . . .Each 50c.	4.50	30.00
<b>Purple Glory.</b> Velvet maroon. Large ruffled flowers; extra fine spike. . . . .3 for 40c.	1.50	10.00
<b>Rev. Ewbank.</b> A fine porcelain blue. . . . .3 for 50c.	2.00	12.00
<b>Violet Glory.</b> Large flower, rich self-color of deep velvet, deeper throat. Medium ruffled. . . . .3 for 40c.	1.50	10.00

## PINK, ROSE AND SALMON SHADES

<b>America.</b> Large flower, beautiful flesh pink. . . . .3 for 25c.	.75	5.00
<b>Annie Laurie.</b> A dainty delicate pink, semi-ruffled. . . . .3 for 50c.	2.00	12.00
<b>Arlene.</b> A uniform, pale rose-pink, shading in the throat to a pale flesh-pink, with deep crimson base. A beautiful variety. . . . .Each 30c.	3.00	20.00
<b>Arizona Rose.</b> A charming shade of light old rose. . . . .3 for 30c.	1.00	6.00
<b>Betty Nuthall.</b> A warm, light coral with pale orange throat and a light feathering of carmine. Tall, strong spike. . . . .Each 40c.	\$4.00	\$30.00
<b>Break of Day.</b> A very clear light pink. Early and tall spike. . . . .3 for 35c.	1.25	8.00
<b>Byron L. Smith.</b> A delicate lavender pink on white ground, yellow throat. . . . .3 for 35c.	1.25	8.00
<b>Evelyn Kirtland.</b> Rose-pink, darker at the edges and fading to shell-pink in center. . . . .3 for 30c.	1.00	7.00
<b>Dearest.</b> A glorious flower of most delicate tints. The ground is a flesh pink blending to a rich pink at the tips, mottled and striped with crimson. Flowers beautifully ruffled. . . . .Each 50c.	5.00	40.00
<b>Dorothy McKibbin.</b> Rich pink, mottled rose. Early flowering and beautifully ruffled. . . . .3 for 35c.	1.25	8.00
<b>E. J. Shaylor.</b> A beautiful, pure, deep rose-pink; tall, strong plant and large ruffled flowers. . . . .3 for 30c.	1.00	6.00
<b>Giant Nymph.</b> Light rose pink color with creamy yellow throat. . . . .3 for 30c.	1.00	7.00
<b>Halley.</b> A very attractive delicate salmon-pink. . . . .3 for 25c.	.75	5.00
<b>Kunderd Glory.</b> Creamy apricot with light tint of pink and red on the lower petals. Ruffled. . . . .3 for 35c.	1.25	8.00
<b>La Couronne.</b> Creamy white with throat blotched with dark maroon, bordered pale yellow. . . . .3 for 30c.	1.00	7.00
<b>Le Marechal Foch.</b> Pure pink of immense size. . . . .3 for 25c.	.75	5.00
<b>Longfellow.</b> Entire flower of clear La France pink, prominent lighter mid-rib. A fine exhibition variety. . . . .3 for 60c.	2.00	12.00

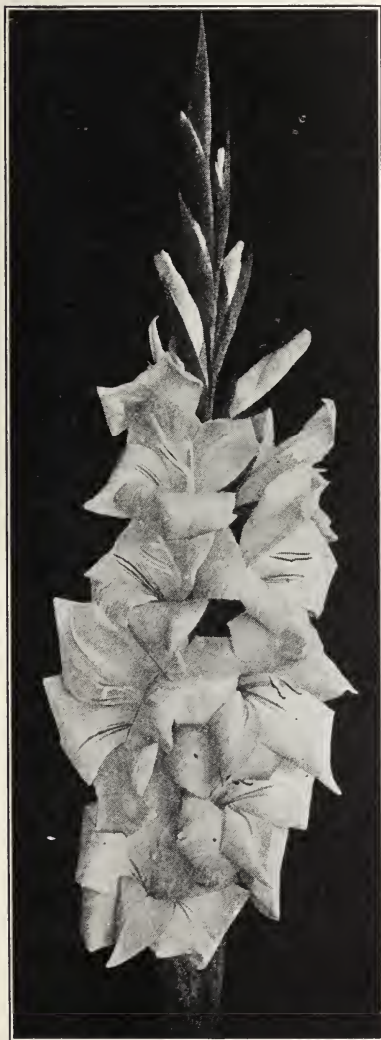


Gladiolus Minuet

## GLADIOLUS—Continued

PINK AND ROSE (Continued.)

	Doz.	100
<b>Los Angeles.</b> A beautiful grenadine or orange tinted pink. Also called the "Cut and Come Again" as it often sends up new spikes after being cut.....3 for 30c.	\$1.00	\$7.00
<b>Marietta.</b> A delicate shade of light salmon, blended with light orange, lower petals shading to bright burnt orange.....3 for 40c.	1.50	10.00
<b>Mrs. Dr. Norton.</b> Pale pink, with primrose center, yellow blotch on lower petals.....3 for 30c.	1.00	7.00
<b>Mrs. Frank Pendleton.</b> The flowers are very large, of lovely flushed salmon-pink, with brilliant carmine blotches in the throat...3 for 25c.	.75	5.00
<b>Mrs. H. E. Bothin.</b> Flesh salmon-pink, flame scarlet center. Beautiful combination of color. Ruffled. ....3 for 30c.	1.00	7.00
<b>Mrs. Leon Douglas.</b> Begonia rose striped with flame, lower petal pale lemon, speckled ruby. One of the largest glads in existence...3 for 35c.	1.25	8.00



Gladiolus Mr. W. H. Phipps

WE SHALL  
BE PLEASED  
TO SUPPLY  
ANY VARI-  
ETIES NOT  
LISTED  
AT THE  
ADVERTISED  
PRICES.



Gladiolus Pink Perfection

	Doz.	100
<b>Mr. W. H. Phipps.</b> La France pink, overlaid with salmon rose, lower petals faintly striped and speckled with ruby; enormous flowers and spike. ....3 for 50c.	\$1.50	\$10.00
<b>Nancy Hanks.</b> Very rich peach-red to orange pink, with prominent grenadine tongue...3 for 35c.	1.25	8.00
<b>Odin.</b> Deep salmon pink, with intense carmine blotch on lower petals; large flowers...3 for 30c.	1.00	7.00
<b>Osalin.</b> A lovely coral pink with soft orange markings in the throat.....3 for 60c.	2.00	15.00
<b>Pink Perfection.</b> Bright pink.....3 for 35c.	1.25	8.00
<b>Pink Wonder.</b> A beautiful pink, slightly lighter than Panama.....3 for 30c.	1.00	7.00
<b>Prince of Wales.</b> Beautiful light salmon with orange shade, very early.....3 for 30c.	1.00	6.00
<b>Richard Diener.</b> Very live rose salmon with creamy yellow center. Spikes with 10 to 12 flowers open at one time.....3 for 50c.	1.50	10.00
<b>Rose Precose.</b> A beautiful salmon-rose, slightly ruffled. Tall, straight spike.....3 for 50c.	1.50	10.00

All Gladiolus we offer are First Size Bulbs.

6 bulbs sold at the dozen rate. 25 at the 100 rate.

**TO-NA-CIDE.** A new insecticide for controlling thrips on Gladiolus when growing. 5 lbs. \$1.50, 25 lbs. \$5.00.

## GLADIOLUS—Continued

## RED, SCARLET, TYRIAN AND ORANGE SHADES

	Doz.	100
<b>American Beauty.</b> American Beauty Rose color, rose throat. One of the garden aristocrats.....	3 for 50c.	\$2.00 \$12.00
<b>Ashes of Roses (Rose Ash).</b> Corinthian red, fading to ashes of roses on the outer edge. Flowers well set on a very large, tall spike.....	3 for 35c.	1.25 8.00
<b>Crimson Glow.</b> A perfect scarlet of a deep tone on a tall spike.....	3 for 35c.	1.00 6.00
<b>Dr. F. E. Bennett.</b> The most fiery red imaginable. A monster in growth and vigor.....	3 for 40c.	1.50 10.00
<b>Early Sunrise.</b> A very large red, shaded orange. Early flowering and a fine forcing variety.....	3 for 30c.	1.00 8.00
<b>Flaming Sword.</b> A brilliant red with orange overtone.....	3 for 30c.	1.00 7.00
<b>Furnace.</b> A beautiful salmon orange, with a crimson scarlet throat, mottled with orange yellow.....	Each 50c.	4.50 30.00
<b>George J. Joerg.</b> A brilliant flower, the bud of carmine scarlet, toning as it opens to a beautiful salmon-pink with creamy yellow and scarlet throat.....	Each 50c.	4.50 30.00
<b>Joerg's Favorite.</b> A pale cream, feathered and splashed with bright crimson and bright orange throat.....	Each 50c.	5.00 40.00
<b>John T. Pirie.</b> Mahogany brown with yellow bordered brown throat. Very attractive.....	3 for 40c.	1.50 10.00
<b>Mrs. Francis King.</b> Light scarlet of pleasing shade; long spikes, one of the best.....	3 for 25c.	.75 5.00
<b>Orange Glory.</b> Grand orange colored with beautiful lighter throat; ruffled.....	3 for 35c.	1.25 8.00
<b>Pfitzer's Triumph.</b> A giant orange salmon, blotched red on lower petals.....	Each 30c.	3.00 20.00
<b>Scarlano.</b> A brilliant and most striking flower of rich orange-red. Beautifully ruffled.....	3 for 30c.	1.00 6.00
<b>Rose Ash.</b> (See Ashes of Roses.)		
<b>Scarlet Wonder.</b> Purest deep scarlet, mammoth flowers on tall stiff stem.....	3 for 35c.	1.25 8.00
<b>Sunnymede.</b> A rare shade of Orange yellow, fine spike.....	3 for 60c.	2.00 15.00
<b>Virginia (Scarlet Princeps).</b> A very large spike of massive crimson-scarlet flowers. Five to six open at one time.....	3 for 30c.	1.00 6.00

## WHITE, CREAM AND BLUSH SHADES

<b>Captain Boynton.</b> Color white, brushed with lavender and maroon blotch on lower petals.....	3 for 40c.	1.50 10.00
<b>Delighted.</b> Creamy white turning to pure white, with tint of fawn yellow in throat, veined crimson, blue anthers. A huge sturdy spike.....	Each 50c.	4.50 30.00
<b>Fern Kyle.</b> A massive creamy white, large flowers slightly ruffled.....	3 for 40c.	1.25 8.00
<b>Joerg's White.</b> This is one of the largest flowered Gladiolus and the finest and purest of all white varieties. Spikes 3 to 4 ft. high and flowers 5 in. across.....	3 for 50c.	2.00 15.00
<b>Lily White.</b> A fine snow-white of good height and large flower.....	3 for 30c.	1.00 6.00

<b>L'Immaculee.</b> A beautiful pure white, very tall grower.....	3 for 35c.	\$1.25 \$8.00
<b>Mary Pickford.</b> A delicate creamy white. Throat finest sulphur-yellow.....	3 for 30c.	1.00 6.00
<b>Miss Helen Franklin.</b> A good white with faint lavender markings; ruffled flowers well placed on stem.....	3 for 30c.	1.00 7.00
<b>Mona Lisa.</b> palest rose-pink or blush white. A gorgeous ruffled flower.....	3 for 30c.	1.00 7.00
<b>Peace.</b> The flowers are large, white with a pale lilac feathering on the interior petals.....	3 for 30c.	1.00 6.00
<b>White City.</b> Very large, almost pure white flowers, spikes 5 ft. tall. A grand variety.....	3 for 40c.	1.50 10.00
<b>White Glory.</b> A gorgeous pure white, with beautiful Iris-blue throat; ruffled.....	3 for 40c.	1.50 10.00
<b>White Wonder.</b> Pure white with faint lavender pink tints, large wide open flowers.....	3 for 30c.	1.00 7.00

## YELLOW SHADES

<b>Gold.</b> A very fine pure yellow.....	3 for 35c.	1.25 8.00
<b>Golden Dream.</b> A pure golden yellow. A better and clearer yellow than Golden Measure.....	3 for 40c.	1.50 10.00
<b>Gold Measure.</b> A magnificent yellow. Very large open flowers; immense spike.....	3 for 35c.	1.25 8.00
<b>Niagara.</b> Primrose yellow, splashed and striped with bright pink.....	3 for 50c.	1.00 6.00
<b>Schwaben.</b> Delicate, pale yellow, dark blotch in center.....	3 for 30c.	1.00 6.00
<b>Yellow Hammer.</b> Pure yellow, with a small red mark in the throat. A fine forcer.....	3 for 30c.	1.00 7.00



Gladiolus Nancy Hanks

## GLADIOLUS—Continued PRIMULINUS GLADIOLUS

This race of Gladiolus has come to be extremely popular; they are easy to grow, beautiful for decorations; the colors are very artistic and embrace shades of yellow, pink and scarlet.

	Doz.	100
<b>Alice Tiplady.</b> A grand, large, beautiful orange-saffron color. 3 for 30c.	\$1.00	\$6.00
<b>Dorothy Wheeler.</b> Flowers richest rose-pink with lighter throat. Very large and massive. 3 for 30c.	1.00	6.00
<b>Ethelyn.</b> A beautiful shade of orange-yellow, petals tipped with bronze. Throws many side spikes. 2 for 40c.	2.00	12.00
<b>Golden Gate.</b> Light yellow with faint red lines in throat. Ruffled showy flowers. 3 for 35c.	1.25	7.00
<b>Jewel.</b> A clear salmon-pink with golden throat. Tall, erect, early flowering. 3 for 35c.	1.25	8.00
<b>Joerg's White Prim.</b> Purest white in color and perfect Primulinus form. A sterling novelty. Each 40c.	4.00	30.00
<b>Joerg's Yellow Prim.</b> A new and distinct Primulinus. A flower spike 5 ft. high, carrying 12 to 18 large pure yellow flowers. Flowers large and wide open. 3 for 35c.	1.25	8.00
<b>Maiden's Blush.</b> Enchantress pink. Well-shaped flowers on long, strong stems. 3 for 30c.	1.00	6.00
<b>Ming Toy.</b> Tall large, beautiful buff, yellow center. 3 for 30c.	1.00	7.00
<b>Myra.</b> Deep salmon on yellow ground with faint lines in throat. Very large flowers on long stem. 3 for 30c.	1.00	6.00
<b>Orange Queen.</b> Large flowers, orange yellow, tinted apricot. A grand variety. 3 for 30c.	1.00	7.00
<b>Phantasy.</b> A clear salmon pink with coral margin, buds are brilliant orange-scarlet. The flower petals are pale yellow, edged pink, with crimson veined throat. The upper petal folds back. Early flowering. 3 for 30c.	1.00	7.00
<b>Salmon Beauty.</b> Deep salmon with rich salmon-yellow throat. 3 for 35c.	1.25	7.00
<b>Shell Pink.</b> Very large beautiful shell pink, almost self color. 3 for 50c.	1.50	10.00
<b>Souvenir.</b> A superb large flowering deep yellow. 3 for 30c.	1.00	6.00
<b>The Orchid.</b> Long narrow petals, slightly notched and ruffled; color orchid over white with rose lilac feathering in the throat. Really a new type. 3 for 50c.	1.75	12.00
<b>White Butterfly.</b> A popular white with creamy white throat. Strong grower. 3 for 35c.	1.25	8.00



Gladiolus Joerg's Yellow Prim

## PRIMULINUS HYBRIDS

A very select mixture from the newest hybrids; the most beautiful and delicate tints are found among them and no race of Gladiolus contains such harmonious blendings of color.

	Doz.	100	1000
<b>Selected Mixed Hybrids.</b>	\$0.60	\$4.50	\$40.00

We shall be pleased to supply any varieties  
not listed at advertised prices.

## GLADIOLUS IN MIXTURE

<b>Our mixtures are made up from fine varieties and are all selected first size bulbs.</b>	Doz.	100	1000
<b>Marshall's Matchless Hybrids.</b> This is our general mixture and is composed of fine sorts in all colors, in extra large size bulbs only.	\$0.60	\$4.00	\$35.00
<b>Marshall's Special Mixture.</b> This mixture is made up from named varieties and seedlings. They are splendid for cutting and borders.	1.00	7.00	60.00

## GLADIOLUS FOR LATE PLANTING

Gladiolus can be had in flower in late September and October if the bulbs are retarded in cold storage.

We are prepared to place in cold storage any varieties if ordered before the middle of April and ship at any date required for later planting.

Gladiolus bulbs dipped in a solution of **Semesan** will prevent hard rot and other diseases.

## GLADIOLUS by F. F. Rockwell

The suggestions on how and where to use "Glads" and types and varieties will be helpful in making out orders. The chapters on care and culture, increasing the stock, creating new varieties, growing and exhibition, and harvesting and storing, will bring pleasure and success throughout the growing season. **Price, postpaid, \$1.00.**

## HARDY LILIES

Among the stateliest of all hardy plants, Lilies during their respective flowering seasons, constitute the chief attraction in the hardy border. They prefer a well-drained soil, and should remain undisturbed for years. In the Autumn give the bulbs a heavy mulching of leaves; coarse manure or straw will prove highly beneficial. Plant all Lilies as early as possible in the Spring.

### Marshall's Spring Collection of Hardy Lilies

We have prepared the following collection of five varieties of Lilies that can be planted in Spring and that are positively sure of providing a continuous bloom from June to late September the first year if planting directions are followed in the book "**Consider the Lilies**."

Three large flowering bulbs of each of the following (15 bulbs in all):

**Henryi, Regale, Speciosum Rubrum Melpomene, Umbellatum Grandiflorum, Wallacei.**

The above Collection, valued at \$7.05, mailed free for \$5.00.

In addition to this generous offer we will include the beautiful book "**Consider the Lilies**" as described below. This valuable book will be mailed immediately on receipt of \$5.00 for the Lily Collection. The bulbs will follow at proper time for planting.

A total value of \$8.05 for \$5.00, mailed free.

**Note.**—Those who are already in possession of "**Consider the Lilies**" and do not desire another copy, will receive one bulb of *L. Auratum platyphyllum* if requested.



*Lilium Henryi*

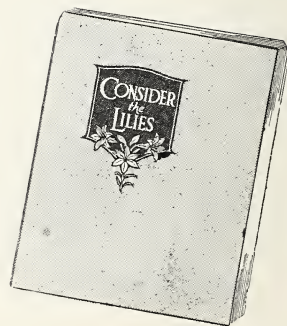
## "Consider the Lilies"

The first edition of our book "**Consider the Lilies**" was accepted by the world's greatest horticulturists as one of the most interesting, authentic, and glorified treatises on Lilies ever published.

The Second Edition (now ready) surpasses its predecessor in every way. More descriptive and cultural matter has been added, several new varieties have been included, and pictures of the most delightful old and interesting new types are gloriously and truthfully reproduced in natural colors.

No expense has been spared, no effort shirked in its compilation; it is a book that every recipient will read and frequently refer to for authentic information on the Great Family of Lilies.

The above book will be sent postpaid to any address in the United States upon receipt of \$1.00. Upon request it will be sent FREE with orders for Lilies amounting to \$3.00 or more.



### HARDY LILIES FOR SPRING PLANTING

	Size	Each	Doz.	100
<b>Amabile.</b> Grenadin red; spotted black.....	3-4	\$0.50	\$5.00	\$38.00
<b>Auratum</b> (Goldband Lily). White with gold bands, spotted maroon.....	9-11	.50	5.00	35.00
<b>Auratum</b> (Goldband Lily). White with gold bands, spotted maroon.....	11-13	.70	7.00	50.00
<b>Auratum</b> (Goldband Lily). White with gold bands, spotted maroon.....	13-15	1.30	13.00	100.00
<b>Auratum pictum.</b> Crimson spots and petal tips.....	8-9	1.00	10.00	75.00
<b>Auratum platyphyllum.</b> Flowers white, richly spotted yellow.....	9-11	.65	6.50	50.00
<b>Auratum platyphyllum.</b> Flowers white, richly spotted yellow.....	11-13	.85	8.50	65.00
<b>Auratum platyphyllum rubro vittatum.</b> A splendid variety with red bands. 8-9		3.50	35.00	....
<b>Auratum platyphyllum Wild Stock.</b> Very vigorous bulbs. Extra quality... ..		.60	6.00	45.00
<b>Auratum wittell.</b> No spots, yellow bands.....	8-9	1.00	10.00	75.00
<b>Auratum "Crimson Queen."</b> A rare and beautiful hybrid. Choice.....	9-11	6.00	60.00	....
<b>Bakerianum.</b> Greenish yellow flowers fading to creamy white; red spots....	4-5	3.00	30.00	....
<b>Batemanniae.</b> Many apricot colored flowers on a stem.....	6-8	.40	4.00	30.00
<b>Bulbiferum.</b> Yellow orange; tips of petals flame red.....	4-6	.50	5.00	38.00
<b>Centifolium.</b> Immense white trumpets, striped brown on exterior.....		6.00	60.00	....
<b>Cernuum.</b> A deep lilac-pink, spotted wine color. Very fragrant.....	Small	.60	6.00	45.00

## HARDY LILIES—Continued

	Size	Each	Doz.	100
<b>Concolor. Dropmore Variety.</b> Deep crimson, star shaped.....	Small	\$0.60	\$6.00	\$45.00
<b>Cordifolium.</b> Resembles L. Giganteum Himalaicum, only smaller in size....	3-5	.75	7.50	58.00
<b>Croceum</b> (The Orange Lily). Flowers orange color.....	6-8	.50	5.00	38.00
<b>Davidi.</b> Cinnabar—red reflexed flowers. July-Aug.....	4-5	.75	7.50	58.00
<b>Davuricum.</b> Upright, scarlet flowers, dotted black.....	3-4	.40	4.00	30.00
<b>Elegans, Alice Wilson.</b> Lemon yellow, darker in center.....	3-5	.50	5.00	40.00
<b>Elegans atrosanguineum.</b> Velvety crimson.....	3-5	.40	4.00	30.00
<b>Elegans, Mahony.</b> A new variety. Intense rich maroon, suffused mahogany.	3-5	.75	7.50	58.00
<b>Elegans, Prince of Orange.</b> Luminous, intense orange.....	3-5	.30	3.00	22.00
<b>Elegans, Mixed.</b> A splendid mixture of fine colors.....	3-5	.25	2.50	16.00
<b>Farreri.</b> A new lily, rare and choice. White with purple dots.....	Small	3.00	30.00	....
<b>Giganteum Himalaicum.</b> Trumpet shaped white flowers with purple suffu- sion inside. July.....	8-10	3.50	35.00	....
<b>Giganteum Himalaicum.</b> Trumpet shaped white flowers with purple suffu- sion inside. July.....	11-13	5.00	50.00	....
<b>Henryl.</b> The yellow speciosum. Bright orange yellow.....	8-9	.75	7.50	58.00
<b>Henryi.</b> The yellow speciosum. Bright orange yellow.....	9-11	1.00	10.00	75.00
<b>Japonicum alexandrae.</b> A charming Lily with large white flowers.....	4-6	.75	7.50	55.00
<b>Japonicum krameri.</b> Soft pink flowers; fragrant.....	5-6	.60	6.00	45.00
<b>Longiflorum multiflorum.</b> Pure white trumpet-shape.....	8-10	.60	6.00	45.00
<b>Longiflorum multiflorum.</b> Pure white trumpet-shape.....	10-12	.75	7.50	55.00
<b>Maximowiczii.</b> Vivid orange-red with dark spots.....	5-6	.75	7.50	55.00
<b>Nepalense</b> (Ochraceum). A striking Lily of greenish gold with center of vinous purple.....	8-9	2.50	25.00	....
<b>Philippinense formosanum.</b> White with reddish brown exterior.....	4-5	1.25	12.00	90.00
<b>Princeps.</b> A robust hybrid of Regale x Sargentiae.....	4-5	2.00	20.00	....
<b>Regale.</b> White shading to brown and pink; yellow throat.....	5-6	.30	3.00	20.00
<b>Regale.</b> White shading to brown and pink; yellow throat.....	6-7	.40	4.00	30.00
<b>Regale.</b> White shading to brown and pink; yellow throat.....	7-9	.65	6.50	50.00
<b>Regale.</b> White shading to brown and pink; yellow throat.....	9-10	1.00	10.00	75.00
<b>Regale.</b> White shading to brown and pink; yellow throat.....	10-12	1.30	13.00	98.00
<b>Sinensis pluratum.</b> White trumpets; delightfully fragrant.....	9-10	.75	8.00	60.00
<b>Speciosum album.</b> Beautiful, pure white flowers of large size.....	8-9	.50	5.00	38.00
<b>Speciosum album.</b> Large Bulbs. Beautiful, pure white flowers of large size.	9-11	.80	8.00	60.00
<b>Speciosum rubrum magnificum.</b> White, shaded rose and spotted crimson...	9-11	.50	5.00	38.00
<b>Speciosum rubrum magnificum.</b> White, shaded rose and spotted crimson...	11-13	.80	8.00	60.00
<b>Speciosum rubrum Melpomene.</b> Darker than Maguificum.....	9-11	.55	5.50	42.00
<b>Speciosum rubrum Melpomene.</b> Darker than Maguificum.....	11-13	.85	8.50	65.00
<b>Sulphureum.</b> Pale sulphur yellow, deeper at throat. Sept.....	8-10	1.75	17.50	130.00
<b>Tigrinum flore pleno</b> (Double Tiger Lily).....	5-7	.35	3.50	25.00
<b>Tigrinum Fortunei.</b> A superior type of the tiger lily. Sept.....	5-6	.35	3.50	25.00
<b>Tigrinum splendens</b> (Single Tiger Lily).....	7-9	.30	3.00	20.00
<b>Umbellatum erectum.</b> A splendid form. Rich red.....	7-9	.35	3.50	25.00
<b>Umbellatum "Golden Fleece."</b> Old gold, margined, light scarlet. June.....	5-6	1.50	15.00	110.00
<b>Umbellatum grandiflorum.</b> Orange red; very fine.....	7-9	.35	3.50	25.00
<b>Umbellatum, Mixed.</b> Yellow, orange, and crimson shades.....	7-9	.35	3.50	25.00
<b>Wallacei.</b> Rosy apricot, dark spots. Aug.....	3-5	.40	4.00	30.00
<b>Ward's Lily.</b> The Pink Martagon, one of the choicest.....	Small	7.50	....	....
<b>Wilmottiae.</b> Graceful heads of orange red flowers.....	4-6	1.00	10.00	75.00
<b>Wilmottiae.</b> Graceful heads of orange red flowers.....	7-9	1.50	15.00	110.00

## MARSHALL'S LILY FOOD

## Leaflet on request.

A specially prepared stimulant for Lilies. Directions for use on each container.

2 lb. tin 75c. *Postage extra*, 1st and 2nd zone 9c., 3rd zone 12c., 4th zone 17c., 5th zone 22c., 6th zone 29c., 7th zone 33c., 8th zone 38.

5 lb. tin \$1.50. *Postage extra*, 1st and 2nd zone 12c., 3rd zone 18c., 4th zone 29c., 5th zone 40c., 6th zone 50c., 7th zone 60c., 8th zone 70c.

25 lb. drum \$6.00, by express or freight collect only. 100 lb. drum \$15.00, by express or freight collect only.

## MARSHALL'S COPPER LIME DUST

## For Checking Botrytis Blight on Lilies

Botrytis Blight is a fungous disease that makes its appearance on the lower leaves and sometimes on the stems, buds and flowers in the form of oval shaped light brown spots. It is most troublesome during wet weather. Easy to apply. Full directions for use printed on containers.

Per lb. 50c., 5 lbs. \$2.25. *Postage extra* at zone rates.

## Lily Show Garden

We welcome visitors to our show garden where Lilies may be seen in bloom from June until October. This garden is located in Syosset, L. I., on Jackson Avenue, a quarter of a mile south of Syosset Station and about half way between the Jericho Turnpike and the R. R. Station. It is located next to the Syosset Nurseries. A large planting of our Lilies may also be seen on the grounds of the Syosset Nurseries. See Page 1 for directions on how to reach the Lily field.

## COLD STORAGE LILIES

### For Greenhouse Forcing

We have in Cold Storage bulbs of the following Lilies available for shipment during the summer for late planting or greenhouse forcing.

#### LILIUM AURATUM PLATYPHYLLUM

Bulbs, 9-11 in. circum., 25 for \$15.00, 100 \$55.00  
Bulbs, 11-13 in. circum., 25 for \$20.00, 100 \$75.00

#### LILIUM FORMOSUM

(THE ERABU, BLACK-STEMMED VARIETY)

We consider this variety most suitable for forcing into bloom in the early Fall, as these bulbs keep in excellent condition until about July 1st.

Bulbs, 11-13 in. circum., 25 for \$20.00, 100 \$75.00  
Not less than 25 sold. 50 at 100 rate.

#### LILIUM REGALE

After trials with this popular Lily we are convinced that it has the merits that no other Lily has for rapid forcing. The bulbs may be taken from cold storage, placed in a temperature of 60 and brought into flower in 60 days. The fragrant, white blooms show a tint of pink on the outside of the petals and a sulphur shading inside.

Bulbs, 7-9 in. circum.....25 for \$16.00, 100 \$ 60.00  
Bulbs, 9-10 in. circum.....25 for 22.00, 100 80.00  
Bulbs, 10-12 in. circum.....25 for 28.00, 100 105.00

Not less than 25 sold. 50 at the 100 rate.



Lilium Sulphureum

#### LILIUM SINENSIS PLURATUM

A new variety resembling Formosum in the individual flowers which are produced in profusion, from 3 to 4 spikes coming from one bulb. An excellent Lily for cold storage purposes.

Bulbs, 9-10 in. circum.....25 for \$17.00, 100 \$ 65.00

#### LILIUM SPECIOSUM

##### RUBRUM MAGNIFICUM or MELPOMENE

The favorite Lily for forcing into bloom for Christmas and during the Winter months.

Bulbs, 11-13 in. circum.....25 for \$22.00, 100 \$ 70.00  
Bulbs, 13-15 in. circum.....25 for 32.50, 100 105.00

Not less than 25 sold. 50 at the 100 rate.

#### LILIUM SULPHUREUM

We have experimented with the beautiful Lily and find it is an excellent variety for cold storage and bringing into flower in the winter months.

Bulbs, 8-10 in. circum.....Doz. \$20.00, 25 for \$38.00, 100 \$140.00

#### LILIES FROM SEED

Lilies may be grown from seed and flowering bulbs may be produced by this process in two years time. Seeds of many varieties remain in the ground for one year before showing any signs of germination, while others will sprout in a few weeks.

In sowing seed in the open ground, Spring is a suitable time; although time may be gained by sowing the newly collected seed in Fall, using well rotted leaf mold as a covering. In this case germination should appear in Spring. Frost has no detrimental effect on seed and in some cases frost is an aid to germination.

The seed bed should be prepared by using sandy loam with an addition of well rotted leaf mold. Sow thinly in drills a half inch deep. When bulblets have been formed they should be transplanted and planted deeper. For greenhouse cultivation the same method may be followed by sowing in flats and the bulblets transplanted into the open ground when large enough.

	Pkt.		Pkt.		Pkt.
Amabile .....	.25	Henryi .....	.50	Regale .....	.25
Auratum .....	.25	Humboldti Magnificum...	.50	Roezli .....	.50
Auratum Platyphyllum...	.25	Japonicum Pink.....	.25	Roezli Crimson .....	.50
Callosum .....	.25	Martagon .....	.25	Rubellum .....	.25
Cernuum .....	.50	Martagon Album.....	.50	Sargentiae .....	.50
Columbianum .....	.50	Medeoloides .....	.50	Speciosum Magnificum...	.75
Concolor .....	.50	Monadelphum .....	.75	Speciosum Melpomene...	.75
Cordifolium .....	.50	Pardalinum .....	.25	Tenuifolium .....	.25
Croceum .....	.50	Parryi .....	.75	Tenuifolium Golden Gleam	.50
Davuricum .....	.25	Philippinense Formosa-		Washingtonianum .....	.25
Giganteum Himalaicum...	.75	num .....	.50	Willomottiae .....	.75
		Pyrenaicum Aureum.....	.50		

# NEW GREENHOUSE PLANTS

## NEW ANTIRRHINUMS

**Claudespy.** A new white seedling of Chevoit Maid.

**Roman Gold.** Golden bronze.

**Terry's Surprise.** A beautiful bronzy pink.

Plants from 2¼ in. pots. 25 for \$4.00, 100 \$15.00. Not less than 25 sold.

## BOUVARDIA

### NEW GIANT PINK

The flowers are as large as the white Humboldti. Color coral pink. A beautiful variety for the greenhouse.

Plants from 2¼ in. plants. Doz. \$5.00, 25 for \$8.00, 100 \$24.00.

## GERBERA

### TRANSVAAL DAISY

**Jamesoni Hybrids.** Large delicately colored Daisy-like flowers on 12 to 18 inch stems, unsurpassed for cut flowers.

Undivided field clumps. 6 for \$4.00, doz. \$7.50, 100 \$50.00.

## NEW CARNATIONS

**Giant Laddie.** A dark sport from Laddie, being three shades darker and much more attractive. Rooted cuttings. 25 for \$20.00, 100 for \$75.00.

**Lucky Strike.** A new clear yellow; good producer and healthy grower. Rooted cuttings. 25 for \$8.00, 100 \$30.00.

**My Love.** A fine pink. Ward color with a silvery sheen. A fine producer and wonderful keeper. Rooted cuttings. 25 for \$7.00, 100 \$24.00.

**Patrician.** A new large flowering pure white, clean grower and a fine producer. Rooted cuttings. 25 for \$8.00, 100 \$30.00.

For other Carnations see Page 70.

## PRIMULA

### OBCONICA GRANDIFLORA COMPACTA

Color dark brilliant rose, fine, compact habit and large flowering type. This is the best of the recent obconicas introduced from Germany.

Plants from 2¼ in. pots. 25 for \$6.00, 100 16.00.

## BEDDING PLANTS

	25	100
<b>AGERATUM fraseri.</b> Bright blue, 3-in.	\$5.00	\$15.00
<b>Dwarf Blue.</b> 3 in.	4.00	12.00
<b>ASTERS.</b> Double assorted, 2 in.	2.00	6.00
<b>BEGONIA Chatelaine.</b> Red, 2¼-in. pots	5.00	15.00
<b>Chatelaine Supreme.</b> Pink, 2¼-in. pots	5.00	15.00
<b>Gustave Knaake.</b> Crimson.	7.50	20.00
<b>Vernon.</b> 3 in.	5.00	15.00
<b>Luminosa.</b> 3 in.	5.00	15.00
<b>CANNAS.</b> See Page 52.		
<b>CENTAUREA gymnocarpa.</b>	4.00	12.00
<b>COBAEA scandens.</b> Blue.	3.50	10.00
<b>COLEUS.</b> In variety, 2¼-in.	3.50	10.00
<b>FORGET-ME-NOT.</b> Blue, 3-in.	3.50	10.00
<b>FUCHSIAS.</b> Named varieties, 3-in.	7.50	20.00

No order for less than 25 of a variety accepted

	25	100
<b>GERANIUM.</b> Named varieties, 4-in.	\$10.00	\$35.00
<b>Ivy-leaved Sorts.</b> 4-in.	12.00	40.00
<b>HELIOTROPE.</b> Standard varieties, 3 in.	6.00	20.00
<b>IVY.</b> English. 4-in. pots	12.00	45.00
<b>LANTANAS.</b> Named varieties, 2¼-in.	5.00	15.00
<b>LOBELIAS.</b> Blue Dwarf.	3.00	10.00
<b>LEMON VERBENA.</b> 3-in.	8.00	30.00
<b>MOONFLOWER.</b> White flowers.	5.00	15.00
<b>PETUNIA.</b> Double varieties, 2-in.	4.00	10.00
<b>Single varieties, 2-in.</b>	3.00	9.00
<b>SALVIA Bonfire.</b> Scarlet, 2¼-in.	3.00	9.00
<b>Zurich.</b> Dwarf.	3.00	9.00
<b>VERBENAS.</b> Finest mixed, 2-in.	3.00	8.00
<b>VINCAS.</b> rosea and alba.	5.00	15.00
<b>VIOLA Jersey Gem.</b> Pure violet flowers	8.00	30.00

## ANTIRRHINUM Snapdragon

One of the most widely grown plants for greenhouse flowering and outside bedding.

**Afterglow.** The finest bronze.

**Ceylon Court.** A beautiful yellow.

**Chapman's Pink.** Bright premier pink and uniform color. An early and free bloomer.

**Cheviot Maid.** The earliest and best pink.

**Golden Pink Queen.** A superb variety.

**Happiness.** A glorified Philadelphia Pink.

**Helen.** A beautiful light pink.

**Jennie Schneider.** A beautiful rose-pink.

**Judd's New Early Dark Pink.** A beautiful rose-pink, similar to the Premier Rose.

**Judd's New Early Light Pink.** A magnificent pink similar to the Columbia Rose.

**Penn-Orange.** A striking vivid orange, with subdued yellow and pink shadings.

**Philadelphia Pink.** The best pink.

**Rose Queen.** Large flowering, new dark pink.

**White Rock.** Best forcing white.

Plants of any of the above in season, 2¼-in. pots: 25 for \$3.50, 100 \$12.00.

Not less than 25 of a variety sold. For New Antirrhinums, see above.

## GERMAN HYDRANGEAS

This new type of forcing Hydrangeas is far superior to the French varieties. They are much easier to grow. The flowers are much larger and the coloring is much more brilliant.

### NEW LARGE FLOWERING

**Freye.** Glossy carmine, compact grower.

**Giselher.** Carmine red; very early.

**Nixie.** Blood red.

**Odin.** Deep carmine. Very early flowering.

**Spring Awakening.** Salmon pink.

Prices of above, Summer delivery, 2¼-in. pots, \$8.00 per doz., \$60.00 per 100.

Fall delivery, 4-in. pots, \$12.00 per doz.

### STANDARD GERMAN VARIETIES

—**Elmar.** A beautiful carmine red.

—**Gudrun.** A compact growing light pink.

—**Helge.** An exceptionally fine bright dark red.

—**Lancelot.** Prettily fringed deep bright pink.

—**Loreley.** Brilliant carmine red.

—**Wilhelm Pfitzer.** Free flowering light pink.

Prices of above, 2¼-in. pots, doz. (2 of each 6 varieties) \$6.00, 25 for \$10.00.

## PELARGONIUMS

Beautiful and easily grown plants for the greenhouse.

**Easter Greeting and Gardener's Joy.** Plants from 3-in. pots. Doz. \$4.50.

**Springtime.** A new variety. Plants from 3-in. pots. Doz. \$6.00.

# CARNATIONS

## Recent Introductions and Choice Varieties

	25	100
<b>Boston Ward.</b> A fine dark pink of improved Ward type.....	\$5.00	\$18.00
<b>Dandy.</b> A new rose-pink sport of Morning Glow. A wonderful producer of fine quality flowers.....	6.00	20.00
<b>Eldora.</b> The best variegated variety on the market.....	5.00	18.00
<b>Ivory.</b> White; very free flowering.....	5.00	18.00
<b>Jane Sutherland.</b> Best light pink on the market. Wonderful keeper and shipper.....	8.00	30.00
<b>Laddie.</b> A warm rose-salmon pink, very large flowers.....	7.00	25.00
<b>Maine Sunshine.</b> The best clear yellow.....	8.00	27.50
<b>Matchless.</b> A very fine white. A good reliable variety.....	5.00	18.00
<b>Pink Abundance.</b> Fine Medium pink. Good keeper.....	6.00	20.00
<b>Radiolite.</b> A brilliant scarlet, the winner of the Dorner Memorial Medal.....	5.00	18.00
<b>Sceptre.</b> The best Carnation sent out in recent years. A seedling of Pink Delight; flowers as large as Surprise; color salmon-pink and wonderful keeper and good grower.....	5.00	18.00
<b>Sophelia.</b> A pleasing shade of pink similar to Betty Lou. Long stiff stems with full center, also keeps well. A great improvement over Matchless.....	5.00	18.00
<b>Spectrum.</b> A magnificent scarlet, large, vigorous and free flowering.....	4.50	15.00
<b>Spectrum Supreme.</b> Clear glowing red. Much better color and larger flower than Spectrum.....	7.00	25.00
<b>Variegated Ward.</b> Largest of the variegated type.....	6.00	20.00
<b>Wildfire.</b> Another Spectrum seedling. A brilliant, clear flame red.....	8.00	30.00
<b>Woburn.</b> Splendid large flowering. Crimson. Good keeper.....	6.00	20.00

The above prices are for rooted cuttings: Spring delivery: not less than 25 supplied of any variety.  
For the best new Carnations, see Page 69.

## GREENHOUSE PLANTS

	2 1/4-in. pots	3-in. pots		
	25	100	25	100
ADIANTUM gloriosum. The hardiest Maidenhair.....	Doz. \$10.00	....	....	....
ASPARAGUS plumosus nanus. Graceful, climbing Asparagus; beautiful, feathery foliage.....	\$4.00	\$15.00	\$7.00	\$25.00
sprengeri. Fine for baskets.....	4.00	15.00	7.00	25.00
BEGONIA Glory of Cincinnati. A beautiful shade of pink.....	14.00	50.00	20.00	75.00
Gustav Knaake. Resembles Lorraine Color crimson; wonderful for Christmas.....	6.00	20.00	....	....
Mellor. A more vigorous type of Lorraine.....	14.00	50.00	20.00	75.00
Mrs. J. A. Peterson. Deep pink flowers with red foliage.....	14.00	50.00	20.00	75.00
Rex Varieties. An assortment of types.....	10.00	30.00	....	....
Winter Flowering. Hybrid type vars.....	Each \$2.50, doz. \$25.00	....	....	....
BOUGAINVILLEA sanderiana. A free flowering Easter plant.....	....	....	9.00	30.00
BOUARDIA. Single pink or white.....	6.00	20.00	....	....
BUDDLEIA asiatica. White.....	6.00	20.00	....	....
Farquhari. Pale pink.....	7.00	25.00	....	....
CALCEOLARIA, Mixed hybrida grandiflora.....	8.00	25.00	....	....
lymani. Cinnamon red.....	16.00	60.00	....	....
medfordi. Velvety maroon.....	16.00	60.00	....	....
stewarti. A bright yellow variety.....	16.00	60.00	....	....
CALENDULA, Orange King, Ball's Gold or Sensation.....	3.50	12.00	....	....
CHRYSANTHEMUMS. Standard varieties to name.....	4.50	15.00	....	....
Standard Exhibition Varieties.....	8.00	25.00	....	....
CINERARIA, Marshall's Half Dwarf Hybrids.....	5.00	15.00	....	....
CYCLAMEN, Mixed. Binneweis strain.....	6.00	15.00	14.00	50.00
EUPHORBIA jacquiniaeflora. A Christmas plant.....	10.00	35.00	....	....
FUCHSIA, Giant Pink. Large pink and white flowers. A wonderful pot plant.	6.00	20.00	....	....
Pride of Orion. A strong upright grower with double white flowers.....	5.00	18.00	....	....
GARDENIA veitchi (Cape Jasmine).....	10.00	35.00	25.00	80.00
MARGUERITE, Boston Yellow Daisy.....	4.00	14.00	....	....
Mother's Favorite: Double white.....	4.00	15.00	....	....
MYOSOTIS, Matchless. A true Winter flowering variety.....	10.00	30.00	....	....
POINSETTIA, Oak Leaf. An improved variety which does not drop its lower leaves.....	8.00	30.00	....	....
PRIMULA obconica grandiflora. Mueller's & Mohnstien strain.....	5.00	15.00	....	....
malacoides, American Legion. Large clear pink, yellow center.....	4.00	12.00	....	....
malacoides, Superba. Delicate lilac. Free flowering.....	4.00	15.00	....	....
—Icelandi. A beautiful lilac-pink with large yellow eye. Long, stiff stems for cutting.....	10.00	25.00	....	....
—Radio. Giant flowering, fringed, clear rose.....	5.00	15.00	....	....
sinensis. Mixed colors.....	5.00	14.00	8.00	25.00
SMILAX. A popular greenhouse climber.....	5.00	12.00	....	....
SOLANUM, Cleveland Red. An improved Jerusalem Cherry.....	5.00	14.00	....	....
STEVIA serrata. Dwarf or tall.....	5.00	15.00	....	....
TABLE FERNS. In variety. For fern dishes and ferneries.....	2.50	15.00	....	....
VIOLETS. See our Fall Catalogue.				

Orders for any of the above plants will be shipped in their season of delivery.  
Prices subject to change.

Not less than 25 of a variety supplied. We do not pay transportation charges on plants.

## WATER LILIES

We are pleased to announce that we are again in a position to offer large plants of water lilies. These large plants insure a longer blooming period, many of them bearing developed flower buds when shipped. We stress the fact that these are large roots and are packed and shipped in sphagnum moss.

## TROPICAL DAY BLOOMING WATER LILIES

Garden lovers are fast becoming acquainted with the superiority of the Tropical Water Lily over the old time Hardy Water Lily. The fragrant tropical blooms, with their great variety in color and shade, are larger and much more numerous than any of the Hardy variety. Their long stiff stems not only add to their beauty in the pool, but make excellent cut flowers.



Nymphaea

	Each
<b>Amethyst.</b> Lovely amethyst blue, for tub or large pools, new.....	\$3.50
<b>August Koch.</b> Most satisfactory blueish lilac, fragrant, prolific.....	2.75
<b>Blue Beauty.</b> Large and fragrant, deep blue.	3.00
<b>Blue Bird.</b> Large, full petaled, cup shaped..	5.50
<b>Blue Zanzibariensis.</b> True blue, large star shaped, prolific.....	2.00
<b>Elliot.</b> New pink hybrid, opens wide, fine cut flower, fragrant; a popular novelty.....	5.50
<b>Independence Pink.</b> A fine pink hybrid....	2.25
<b>Janice.</b> White bell shaped, leaf producer....	3.50
<b>Mrs. C. W. Ward.</b> Deep rose pink, star shaped, prolific, fine lily for every pool.....	2.25

	Each
<b>Mrs. Ed. Whitaker.</b> Pale blue, large, heavy feeder .....	\$3.00
<b>Mrs. Sawyer.</b> Exquisite deep rose, novelty, a gorgeous full petaled flower on long stiff stems .....	5.50
<b>Panama Pacific.</b> Lovely rich reddish purple, free flowering, stiff stems make it a fine cut flower.....	2.25
<b>Pershing.</b> Large orchid pink bloom, lovely..	5.50
<b>Pink Zanzibariensis.</b> Large, fragrant, long stemmed, for any pool.....	2.00
<b>Pring.</b> Fine white, large and fragrant.....	3.00

## NIGHT BLOOMING TROPICAL WATER LILIES

The Night Blooming Water Lilies flower in the early morning and evening and will remain open on cloudy days.

	Each
<b>Juno.</b> Very best white night bloomer, large and conspicuous in any pool.....	\$2.50

	Each
<b>Omarana.</b> Large rosy pink night bloomer...	\$2.00
<b>Rubra Rosea.</b> Gorgeously brilliant crimson, a free bloomer.....	2.00
<b>Victoria Cruziana.</b> Suitable only for very large pools.....	10.00

## HARDY WATER LILIES

The Hardy Water Lilies do best if planted in April and are not affected by the temperature changes. They are the earliest to bloom and easiest to care for in the winter season.

	Each
<b>Marliac Pink.</b> Large flowers of soft flesh pink, fragrant.....	\$1.25
<b>Marliac White.</b> A vigorous variety, large white flowers. Free flowering.....	1.25
<b>Comanche.</b> Copper orange with red markings .....	6.00
<b>Gladstone.</b> The best white hardy, excepting only Gonnere.....	1.50
<b>Gonnere.</b> Petals snowy white. An exceedingly double flower. A free bloomer.....	6.00
<b>Pink Opal.</b> Considered by many the best pink hardy.....	2.50

	Each
<b>Paul Hariot.</b> Large blooms, orange pink deepening to red, unique and decidedly one of the best hardies.....	\$2.00
<b>Sunrise.</b> Immense bright yellow flowers, by far the finest hardy water lily.....	5.50
<b>Yellow Texanus.</b> Excepting Sunrise, the finest yellow lily grown; the fragrant deep yellow blooms, borne on stiff stems well above the water, should be in every collection .....	2.50

## LOTUS

	Each
<b>American Lotus.</b> Ivory yellow flowers which attain gigantic proportions.....	\$2.50
<b>Egyptian Lotus or Lily of the Nile.</b> Attractive pink flowers. Quite hardy and free grower .....	2.50
<b>Flavescens Lotus.</b> A lovely cream colored bloom .....	2.25
<b>Shiroman Lotus.</b> A rare double white, blooms often, a foot across.....	4.00

## OXYGENTING PLANTS

	Each
<b>Parrot Feather.</b> A beautiful trailing growth for ponds, fountains or fish bowls....	Doz. \$1.50
<b>Water Hyacinth.</b> A floating plant with bright lilac spikes of flowers.....	Doz. 1.50
<b>Water Poppy.</b> The leaves float upon the surface, flowers large and yellow.....	Doz. 1.50

When only one plant is ordered a packing charge of 25 cents will be made.



## HERBACEOUS PERENNIALS AND ROCK GARDEN PLANTS

Perennials, never more popular than today, comprise most of the best flowers and make a foundation for any garden. They exist in infinite variety and provide a succession of flowers in every conceivable hue from early Spring to late Fall and range in size from the tiniest edging material to the tall plants suitable for a background.

For the best effect it is essential to plant in groups. We are therefore continuing to offer perennials in quantities of not less than three of one variety as satisfactory results cannot be obtained by using one plant of a kind.

Varieties marked \* are suitable for rock gardens.

- \***ACHILLEA Millefolium roseum**. Pink flowers in compact heads. 2 ft. June-Sept.
- filipendulina**. Fern-leaved Yarrow; Milfoil. A showy variety with dense heads of yellow flowers. 3 ft. June, July.
- Ptarmica, The Pearl**. Double pure white flowers in great profusion. 3 ft. June-Sept.
- \***tomentosa** (Woolly Yarrow). Bright yellow, excellent for edging and rockeries. 5 to 6 in. July-Sept.
- ACONITUM autumnale** (Monkshood). Showy blue, helmet-shaped flowers. 3 to 4 ft. Aug., Sept.
- Fischeri**. Strong spikes of large, dark blue flowers. 2 to 3 ft. Sept., Oct.
- napellus**. Long spikes of large dark blue flowers. 3 to 4 ft. July, Aug.
- All Aconitums, 3 for \$1.50, \$4.50 for 10.
- \***AETHIONEMA iberidum** (Stone Cress). Tufts of grey blue foliage with clusters of snowy white flowers. Very hardy. 8-10 in. June, July. 3 for \$1.25, 10 for \$3.50.
- AGROSTEMMA**. See **LYCHNIS**.
- \***AJUGA reptans rubra**. A creeping plant with numerous spikes of blue flowers. Good for shady places. 5-6 in. May, June.
- ALTHAEA ROSEA**. See **HOLLYHOCK**.
- \***ALYSSUM saxatile compactum** (Rock Madwort, Golden Tuft). Compact masses of yellow flowers in early Spring. 1 ft. April, May.
- AMSONIA Tabernaemontana**. A strong, shrub-like plant, with spikes of delicate blue flowers. 2 ft. May, June.
- ANCHUSA italica, Dropmore**. Large, gentian-blue flowers. 4 to 5 ft. May-July.
- \***mysotidiflora**. Bright blue Forget-me-not flowers. 10 to 12 in. May. 3 for \$1.50, 10 for \$4.50.

**ANEMONE** (Windflower). Japanese Anemones are among the best Autumn flowering plants. 2 to 3 ft. Sept., Oct.

\***hupchensis** (Chinese Anemone). Resembles the Japanese Anemone in a miniature way, rosy-mauve flowers. 18 to 24 in. Aug., Sept.

**japonica**. Rosy-red.

**japonica alba**. Single, pure white.

—**Alice**. Lovely rose pink.

—**Mount Rose**. Semi-double pink.

—**Whirlwind**. Semi-double, white.

\***pulsatilla**. The Pasque Flower of Europe. Flowers single, blue or reddish-purple, about 2 in. across. Height 1 ft. April to May. All Anemones 3 for \$1.00, 10 for \$3.00.

**ANTHEMIS nobilis** (Camomile). A beautiful bushy plant with single white rayed flowers. 18 in. June, July.

**tinctoria Kelwayi** (Golden Marguerite). Rich yellow; fine for cutting. 3 ft. June-Oct.

**ANTHERICUM liliastrium major** (St. Bruno's Lily). Grass-like foliage, spikes of small lily-like white flowers. 18 in. May, June. \$1.25 for 3, \$3.50 for 10.

**AQUILEGIA coerulea** (Rocky Mountain Columbine). Large, blue and white, long-spurred flowers. 1½ ft.

\***chrysanth** (Golden-Spurred Columbine). Flowers fragrant, yellow. 2 to 3 in. across.

\***Canadensis** (American Columbine). A compact plant with red and yellow flowers.

**Mrs. Scott Elliott Hybrids**. There is not a better mixture grown in the world than by Mrs. Scott Elliott who has taken the highest awards at all the European exhibitions. Our stock is from seed, from this source, absolutely true strain.

All plants, except where noted, 3 for 90c., 10 for \$2.50. Not less than 3 of 1 variety sold.

## HARDY PERENNIAL PLANTS—Continued



Hardy Aster or Michaelmas Daisy

\***ARABIS alpina** (Rock Cress). Adapted for rock gardens; pure white. 5 in. April, May.

\***flore pleno**. An improved double form of the above with pure white flowers which last over a long period. Fine as edging or for Rock Garden. 6 in. April-May. 3 for \$1.00, 10 for \$3.00.

\***ARENARIA balearica** (Sandwort). Useful for dry walls and in the rockery. White flowers through the summer. 1 in. 3 for \$1.25, 10 for \$3.50.

\***AMERIA cephalotes rubra** (Sea Pink). Densely tufted plants with grass-like foliage. Crimson flower heads on tall slender stems. 12-18 in. July, Aug.

\***lauchiana**. Bright rose-colored flowers, excellent for edging or rock gardens. 3-6 in. April to June.

**ARTEMESIA Abrotanum** (Southernwood, Old Man). Usually grown for its handsome, pleasant-scented leaves. 2 to 3 ft. 3 for \$1.50, 10 for \$4.50.

**lactiflora**. Large, branching panicles of sweetly scented, creamy white flowers. 3 to 4 ft. Aug., Sept. 3 for \$1.25, 10 for \$3.50.

**Silver King**. Silvery white foliage. 3 for \$1.25, 10 for \$3.50.

\***Stelleriana** (Old Woman). Foliage deeply cut; silvery white; a fine plant for rockeries. 1½ ft.

**ASCLEPIAS tuberosa** (Butterfly Weed). Orange-scarlet. 2 ft. July, Aug.

\***ASPERULA odorata** (Sweet Woodruff, Waldmeister). A sweet-scented herb; white. 6 to 8 in. May, June.

**ASTER (Michaelmas Daisy).**

\***alpinus**. Showy blue flowers on good stem. 6-9 in. May, June.

**Climax**. Large, soft mauve flowers with golden center. 5 to 6 ft. Sept., Oct.

**Beauty of Colwall**. Clear, lavender-blue, semi-double flowers. 4 ft. Sept., Oct.

**Feltham Blue**. Splendid blue with yellow center. 3 to 4 ft. Sept., Oct.

**Lady Lloyd**. Clear rose pink. 3 ft. Sept., Oct.

**ASTER—(Continued.)**

\***Mauve Cushion**. A cushion-like plant with hosts of delicate mauve flowers from Oct. to Nov. 9 in.

**Perry's Favorite**. Bright, luminous pink. 3 to 4 ft. Sept., Oct.

**Perry's White**. Pure white, free flowering. 5 ft.

**St. Egwin**. Pink, compact habit. 3 ft. Sept.

**Tataricus**. Tall straight growth, large violet flowers. 6 ft. Oct.

**ASTILBE. Arendsii Hybrids.** (New.) July.

**Gloria**. A superb introduction with dense, feathery, dark pink plumes. A compact grower. 2 ft. 3 for \$1.50, 10 for \$4.50.

**Salland**. Immense feathery sprays of rich red flowers. 6 ft. 3 for \$1.50, 10 for \$4.50.

**Vesta**. A pretty plant with graceful blooms of lilac-rose. 3 ft. 3 for \$1.50, 10 for \$4.50.

\***AUBRIETIA deltoidea**. Fine for rockeries; dark violet. 6 in. April and May. 3 for \$1.25, 10 for \$3.00.

**BAPTISIA australis** (False Indigo). Lupine-like flowers, dark blue. 3 to 4 ft. May-July.

**BOCCONIA cordata** (Plume Poppy). Creamy white flowers. 6 to 8 ft. July, Aug.

**BOLTONIA asteroides**. Has pure white, Aster-like flowers. 5 to 6 ft. Aug., Sept.

**latisquama**. Similar to the preceding, with pinkish lavender flowers. 5 to 6 ft. Aug., Sept.

—**nana**. A dwarf form. 3 ft. Aug., Sept.

**CALTHA palustris** (Marsh Marigold). Showy plant for wet places, with bright yellow flowers. 12 in. June.

**CAMPANULA (Bellflower)**. These are among the most important of hardy plants.

\***carpatia** (Harebell). Flowers large, erect, light blue. 5 to 7 in. July, Aug.

\*—**alba**. A white form of the above.

**glomerata**. Globular, dark blue flowers. 1½ ft. June, July. 3 for \$1.25, 10 for \$3.50.

**medium** (Canterbury Bells). In blue, rose or white. 2 ft. June.

—**calycanthema** (Cup-and-saucer. Canterbury Bells). In blue, rose and white.



Campanula, medium

All plants, except where noted, 3 for 90c., 10 for \$2.50. Not less than 3 of 1 variety sold.

## HARDY PERENNIAL PLANTS—Continued



Chrysanthemums

**CAMPANULA—(Continued.)**

**persicifolia** (Peach-leaved Bellflower). Large, cup-shaped blue flowers. 2 ft. June, July.

—**alba grandiflora**. White.

—**Telham Beauty**. Large, single blue flowers. A great improvement on the old *Persicifolia* type. Fine for cutting. 2½ ft. June, July. 3 for \$1.50, 10 for \$4.50.

**pyramidalis** (Steeple Bellflower). Long spikes of blue flowers. 4 to 5 ft. Aug., Sept. 3 for \$1.25, 10 for \$3.50.

—**alba**. A white form of the above. 3 for \$1.25, 10 for \$3.50.

\***rotundifolia** (Harebell). Clear blue, specially suited for crevices in rock gardens. 9 in. June to Aug.

**CARYOPTERIS incana**, **Mastacanthus** (Blue Spiraea). Lavender-colored flowers. 3 to 4 ft. Sept., Oct. 50c. ea., 10 for \$4.50.

**CASSIA marilandica**. Bright yellow, odd-shaped flowers. 5 to 6 ft. July-Sept.

**CATANANCHE coerulea bicolor** (Cupid's Dart). White flowers with slight suffusion of purple in center. 2 ft. June-Aug.

**CENTAUREA dealbata**. Compact habit; deep pink flowers. 1½ ft. July, Aug.  
**macrocephala**. The most showy *Centaurea*, with large, thistle-like yellow flowers. 3 ft. July, Aug.

\***montana** (Perennial Cornflower). Large blue flowers. 2 ft. June-Sept.

—**alba**. A fine white form of the above.

**CEPHALARIA alpina** (Roundheads). Very tall. Flower heads pale primrose-yellow. 5 ft. June, July.

\***CERASTIUM tomentosum** (Snow-in-Summer). Bright, silvery foliage, with white flowers. 6 in. May, June.

**CHRYSANTHEMUM (Shasta Daisy).**

**arcticum** (Arctic Daisy). Multitudes of white slightly tinted flowers, 2 in. wide. 12 to 18 in. Sept.-Nov.

**CHRYSANTHEMUS—(Continued.)**

**maximum**, **King Edward**. Marguerite-like flowers of glistening white. 3 ft. July-Oct.

**maximum**, **The Speaker**. Ivory white flowers nearly six inches in diameter. 2½ ft. July-Oct. 3 for \$1.00, 10 for \$3.00.

**maximum**, **Shasta Daisy**. Large white flowers; blooms profusely all Summer.

**Hardy varieties**. These make a grand show late in the Fall; all colors. 2 to 3 ft. Sept.-Oct.

Prices of the following: **Doz. \$2.50, 100 \$16.00; not less than 3 of one variety sold.**

**LARGE FLOWERING, or ASTER VARIETIES**

**Angelo**. A beautiful light pink.

**Florence Stanton**. Large bronze flower; late.

**Marie du Pont**. Free flowering, pure white.

**Queen of Whites**. Pure white, very full.

**Yellow Source d'Or**. The best yellow.

**Zelia**. Old gold, large flower; bushy plant.

**POMPOM VARIETIES**

**Anna L. Moran**. Bronze with yellow.

**Fairy Queen**. Large light pink, full center.

**Firelight**. Bright red. Pretty flower.

**Frances Hackvale**. Flesh with bronze center.

**Juliana**. Fine yellow, good grower.

**Mrs. Chester Robinson**. Pink shading to old rose.

**Nellie**. Golden yellow, very full.

**Nellie Blake**. A good deep red.

**Petit Louis**. Light pink, bronze center.

**Uvalda**. Large white, strong grower.

**BUTTON VARIETIES**

**Davenport**. Bronze tinged with red.

**Helios**. Reddish-bronze.

**Ouray**. Rich dark mahogany-brown.

**SINGLE FLOWERING VARIETIES**

**Alice Howell**. Orange-yellow.

**Mrs. Roberts**. Deep rose-pink.

**Summer Gold**. Large golden yellow.

**CIMICIFUGA racemosa**. Tall, hardy and ornamental; white racemes of flowers. 4 to 5 ft. June, July.

—**simplex**. Tall, graceful spikes of white flowers, lasting a long time when cut. 2 to 3 ft. Sept., Oct. \$1.00 each, \$8.50 for 10.

**CONVALLARIA majalis** (Lily of the Valley). May, June. Field grown clumps. \$2.50 for 5, \$4.50 for 10, \$40.00 per 100.

**COREOPSIS lanceolata**. Golden yellow; the flowers are borne on long, graceful stems, making them invaluable for cutting. 2 ft. June-Oct.

**CYPRIPEDIUM**. See Fall Catalogue.

**DELPHINIUM** (Larkspur). June till late Fall.

**Belladonna**. Large, semi-double flowers, sky-blue, tipped lilac; dwarf growing.

**English Hybrids**. From the palest to the deepest blues; single and double.

—**grandiflorum chinense** (Chinense). Low-growing, with gentian-blue flowers.

— — **alba**. A pure white form of the preceding.

**Wrexham Hybrids**. Magnificent spikes of exquisite flowers compactly arranged along the stems. The choicest of all delphiniums. Each, \$1.00; 10 for \$9.00; 100 for \$75.00.

**DIANTHUS** (Hybrid Garden Pinks).

\***Abbotsford**. Deep crimson marked with white.

\***Carmen**. Light pink, fragrant.

\***Essex Witch**. Bright pink.

\***Mrs. Sinkins**. Large white fringed fragrant flowers.

\***alpinus**. Pure pink flowers.

**Barbatus** (Sweet William). One of the oldest garden flowers which perpetuates itself by self sowing.

—**Single Mixed**.

—**Newport Pink**. Lovely salmon pink.

—**Scarlet Beauty**. Deep rich scarlet.

\***Caesius** (Cheddar Pink). Very sweet scented rose colored flowers. 3 for \$1.25, 10 for \$3.50.

\***Deltoides** (Maiden Pink). A dwarf variety with creeping habit, with sprays of pink flowers.

\***Plumarius** (Grass Pink). Single fringed flowers in mixed colors. 1 ft.

All plants, except where noted, 3 for 90c., 10 for \$2.50. Not less than 3 of 1 variety sold.

## HARDY PERENNIAL PLANTS—Continued



Eryngium amethystinum

\***DICENTRA formosa**. Rose color, with finely divided foliage. 1 ft. May-Aug. 3 for \$1.25, 10 for \$3.50.

**spectabilis** (Bleeding Heart). Long, drooping racemes of rose-crimson; useful for forcing. 1½ ft. April-June. 75c each, \$6.00 for 10.

**DICTAMNUS fraxinella** (Gas Plant). This is also called Burning Bush. 2 to 3 ft. June, July. 3 for \$1.25, 10 for \$3.50.

**DIGITALIS** (Foxglove). These old garden favorites produce bold masses of leaves and flowers.

**lanata**. Long, dense spikes of grayish or creamy yellow flowers. 2 to 3 ft. June, July.

**purpurea gloxiniaeflora** (Gloxinia-flowered Foxglove). Flowers spotted rose, purple and white. 2 to 3 ft. June, July.

—**Shirley Hybrids**. A giant variety of the Gloxinia-flowered type. Flower spikes 4 ft. long of purest white to deepest rose colors, handsomely spotted. 5 to 7 ft. June and July. 3 for \$1.50, 10 for \$4.50.

**DORONICUM Caucasicum** (Leopardbane). Yellow Daisy-like flowers, blooming very early. A good cut flower. 1 ft. May, June. 3 for \$1.50, 10 for \$4.50.

**ECHINACEA purpurea** (Purple Coneflower). Reddish purple flowers, 4 in. in diameter. 3 to 4 ft. July, Aug.

**ECHINOPS Ritro** (Golden Thistle). A showy plant, with globular heads of blue flowers, thistle-like foliage. 3 to 4 ft. July, Aug.

\***EPIMEDIUM alpinum** (Bishop's Hat). Leathery bronze foliage, small yellow flowers. May. 3 for \$1.75, 10 for \$5.00.

**EREMURUS**. See our Fall catalogue.

\***ERIGERON speciosus** (Fleabane). Large, handsome, blue flowers with yellow center resembling a Michaelmas Daisy. 1½ ft. July, Aug.

\***ERINUS Alpinus**. A tiny plant for massing amongst stones, rosy-purple flowers. May, June. 3-4 in. 3 for \$1.25, 10 for \$3.50.

**ERYNGIUM alpinum** (Sea Holly). Flowers 3 in. across, of a steel blue. 2 ft. July, Aug.

**amethystinum**. Beautiful thistle-like heads of glistening amethyst-blue. 2 to 3 ft. July-Sept.

**EUPATORIUM coelestinum** (Mist Flower). A good hardy plant, with light blue flowers, similar to *Ageratum*. 2 ft. Aug.-Oct. 3 for \$1.25, 10 for \$3.50.

**purpureum** (Joe Pye Wood). Purple; fine for wild garden. 6 to 7 ft. July-Sept.

**EUPHORBIA corollata** (Flowering Spurge). Pretty little white flowers. 2 to 3 ft. July, Aug.

\***EUPHORBIA myrsinites**. A creeping plant with blueish leaves and orange-yellow flowers. 4-6 in. May, June. 3 for \$1.25, 10 for \$3.50.

**FERNS, HARDY**. Valuable for planting in shady, moist situations and under trees where blooming plants will not thrive. As a rule they should be grown in a moist, shady and protected place, in a soil composed of rich loam and leafmold.

\***Adiantum pedatum** (Hardy Maidenhair Fern).

\***Aspidium acrostichoides** (Christmas Fern). An evergreen variety with deep green fronds about a foot high.

—**spinulosum**. Another evergreen variety growing 18 to 24 in. high.

\***Asplenium angustifolium**. A charming Fern with light green, graceful fronds 1 to 3 ft. high.

—**Filix-foemina**. A large, handsome Fern with finely cut foliage about 2 to 3 ft. high.

**Dicksonia punctilobula**. A variety which will grow in sun or shade, growing about 18 in. high. Where masses of Ferns are desired, this variety cannot be surpassed.

**Onoclea struthiopteris** (Ostrich Fern). A very handsome variety which resembles a palm, growing from 2 to 4 ft. high. A very good Fern for growing as a background for smaller varieties.

**Osmunda cinnamomea** (Cinnamon Fern).

—**regalis** (Royal Fern).

**FUNKIA**. Very handsome and will thrive in almost any position. 1½ to 2 ft. July, Aug.

**coerulea**. Purple flowers; large, green foliage.

**lanceifolia albo-marginata**. Leaves edged with white.

**plantaginea grandiflora** (*F. subcordata grandiflora*). Large, pure white flowers and bold foliage make this a very attractive variety. 3 for \$1.75, 10 for \$5.00.

**GAILLARDIA grandiflora** (Blanket Flower). Yellow and orange-red. 1½ ft. May-Nov.

**Portola**. A race of hybrids whose colors range from reddish bronze to deep gold. An excellent, large flowering strain.

**GALEGA officinalis** (Goat's Rue). Rosy purple flowers. 3 to 4 ft. 3 for \$1.25, 10 for \$3.50.

—**alba**. White flowers; fine for cutting. 3 to 4 ft. July. 3 for \$1.25, 10 for \$3.50.

\***GENTIANA Andrewsii** (Closed, or Bottle Gentian). Flowers of a fine blue. 18 to 24 in. Aug., Sept.

\***GERANIUM sanguineum** (Cranesbill). Fire-red; very effective. 1 to 1½ ft. May-July.

**GEUM atrosanguineum** (Avens). Dark crimson 1 to 2 ft. May-July.

**Heldreichii**. Orange; very free flowering; fine foliage. 1½ ft. May-July. 3 for \$1.25, 10 for \$3.50.

\***Lady Stratheden**. The large double flowers are a rich golden color. Flowers the greater part of Summer and Fall. 2 ft. June-Sept. 3 for \$1.50, 10 for \$4.50.

**Mrs. J. Bradshaw**. Double dark red flowers. 2 ft. June-Sept. 3 for \$1.25, 10 for \$3.50.

All plants, except where noted, 3 for 90c., 10 for \$2.50. Not less than 3 of 1 variety sold.

## HARDY PERENNIAL PLANTS—Continued



Hibiscus

## GRASSES—

- Eulalia japonica variegata* (miscanthus). Long, narrow leaves striped green, white, pink and yellow. 4 to 6 ft. 3 for \$1.25, 10 for \$3.50.
- japonica zebrina*. Very striking with leaves banded transversely with pale yellow. 5 to 6 ft. 3 for \$1.25, 10 for \$3.50.
- \**Festuca glauca*. A pretty dwarf grass, with tufts of fine, bluish green foliage. 1 ft.
- Phlaris arundinacea picta* (arundinacea variegata). Variegated Ribbon Grass; Gardener's Garters. 2 to 3 ft.

**GYPSOPHILA paniculata** (Baby's Breath). Masses of minute, pure white flowers. 2 to 3 ft. June, July.

—**Bristol Fairy**. A new, double-flowering Babysbreath. Very early and blooms until Fall. Field-grown, grafted plants. Each 75c., 10 for \$7.00.

—**flore-pleno**. Charming, double flowers borne on branched panicles in great profusion. July-Aug. 3 for \$1.50, \$4.50 for 10.

*acutifolia* (Chalk Plant). Rose-colored flowers. 3 to 4 ft. July, Aug.

\**repens*. A lovely trailing variety with clouds of white or pale pink flowers in July and August. Good rock plant.

**HELENIUM autumnale** (Sneezeweed). A grand plant, with large, flat, lemon-yellow flowers. 4 to 5 ft. Aug., Sept.

**Hoopesii**. The earliest flowering of all the Heleniums and the only one with pure orange-colored flowers. 2 to 3 ft. May, June.

**pumilum magnificum**. A most useful border plant with large golden yellow flowers. July to Oct. 12 to 18 in. 3 for \$1.50, 10 for \$4.50.

—**Riverton Beauty**. Rich lemon-yellow, with large purplish black cone. 5 ft. Aug., Sept. 3 for \$1.25, 10 for \$3.50.

—**Riverton Gem**. Yellow, changing to red. 5 ft. Aug., Sept. 3 for \$1.25, 10 for \$3.50.

**HELIANTHEMUM** (Sun Rose).

\***Fireball**. Double red. 4-5 in. June-Aug.

\***The Bride**. Delicate white. 8-10 in. June-Aug.

\***Vulgare**. Almost a shrubby evergreen plant, flowers yellow. 8-10 in. June-July.

**HELIANTHUS** (Hardy Sunflower). The large flowers on long stems are fine for cutting.

**Maximilianii**. One of the latest blooming of all; clear yellow. 6 to 8 ft. Oct., Nov.

**mollis**. Thick, velvety foliage of a silvery tinge; flowers lemon-yellow. 5 ft. Aug., Sept.

**orgyalis**. Graceful stalks, clothed with very long, willowy, drooping foliage; flowers deep lemon-yellow. 8 to 10 ft. Aug.

**Wolley Dod**. Very free flowering, bright yellow semi-double. 6 to 7 ft. Sept.

**HELIOPSIS Pitcheriana**. The flowers are deep golden yellow, about 2 in. in diameter. 3 to 4 ft. July-Sept.

**HEMEROCALLIS flava** (Lemon Day Lily). Flowers lemon-yellow, sweet-scented. 3 ft. May. 3 for \$1.25, 10 for \$3.50.

**fulva**. Large flowers of a rich bronze orange. 2 to 3 ft. June-Aug.

**Middendorffii**. Flowers deep orange-yellow. Desirable for cutting. 2 to 3 ft. June, July.

**Thunbergii**. Flowers lemon-yellow, very fragrant. 3 ft. July, Aug.

\***HEUCHERA sanguinea**. The bright crimson flowers are borne in long, graceful, arching sprays. 1½ ft. May-Sept. 3 for \$1.25, 10 for \$3.50.

\***hybrida**. Assorted colors. 1½ ft. May-Sept. 3 for \$1.25, 10 for \$3.50.

**HOLLYHOCK** (*Althea rosea*). 5 to 6 ft. July, Aug.

**Single**. In crimson, rose, salmon, white or yellow.

**Double**. In carmine-rose, crimson, yellow, rose-salmon and white colors.

**HIBISCUS** (Marvel Mallows). The flowers range in color from white to intense crimson. 5 to 8 ft. July-Sept. 3 for \$1.25, 10 for \$3.50.

\***HYPERICUM repens**. A creeping plant with dark foliage and yellow flowers. 4-6 in. 3 for \$1.25, 10 for \$3.50.

\***IBERIS sempervirens** (Evergreen Candytuft). Flowers pure white completely covering the plant. 12 in. May.

\***INULA ensifolia** (Fleabane). Yellow; small flowers. 8 in. July-Sept. 3 for \$1.50, 10 for \$4.50.

**glandulosa**. Old-gold; pretty. 3 to 4 ft. July, Aug.

**IRIS germanica** (Garden Iris). See Fall catalogue.

**IRIS Kaempferi** (Japanese Iris). See Page 53.

**LATHYRUS latifolius** (Everlasting Pea). Flowers rose-colored, large, on many-flowered stems, similar to the annual Sweet Pea. 3 ft. June-Aug.

—**albus**. A variety of the preceding, with white flowers. Very desirable. 3 ft. June-Aug.

**LAVANDULA vera** (Sweet Lavender). Fragrant blue flowers. 1½ ft. July-Sept. 3 for \$1.25, 10 for \$3.50.

\***LEONTOPODIUM alpinum** (Edelweiss). A well known Alpine plant for dry situations. 6-8 in. June-Aug. 3 for \$1.25, 10 for \$3.50.

**LIATRIS pycnostachya** (Kansas Gay Feather). Flowers purple, in dense spikes. 4 to 5 ft. July, Aug.

**spicata** (Button Snakeroot). Spikes 6 to 15 in. long; purple. 2 to 3 ft. July-Sept.

**LILY-OF-THE-VALLEY**. See *Convallaria*.

\***LINUM perenne** (Flax). A lovely plant, with blue flowers. 1½ ft. May-Aug.

\*—**album**. A white form of the above.

**LOBELIA cardinalis** (Cardinal Flower). Flowers intense scarlet. 3 ft. July, Aug.

**syphilitica**. Fine spikes of blue flowers. 3 ft. Aug., Sept.

**LUPINUS polyphyllus** (Lupine). Deep blue, pea-shaped. 3 to 4 ft. June, July.

—**albiflorus**. A white form of the above.

—**Moerhousii**. Color soft rose. June, July. 3 for \$1.25, 10 for \$3.50.

All plants, except where noted, 3 for 90c., 10 for \$2.50. Not less than 3 of 1 variety sold.

## HARDY PERENNIAL PLANTS—Continued

**LYCHNIS chalcidonica.** Flowers bright scarlet, in dense clusters. 2 ft. June, July.  
**Coronaria** (*Agrostemma Coronaria*). Flowers rich crimson, produced in great abundance on long stems. 2 ft. June, July.

**viscaria splendens flore-pleno.** A fine variety, with double, crimson flowers. 1 ft.

**LYTHRUM salicaria roseum, Perry's Variety.** A most beautiful shade of cherry red. 2 to 3 ft. July-Sept.

—**Rose Queen.** A remarkably free-blooming variety, with long, graceful spikes of rosy pink flowers. 2 to 3 ft. July-Sept.

**LYSIMACHIA clethroides** (*Loosestrife*). A fine hardy variety from Japan, with long spikes of pure white flowers. 2 ft. July-Sept.

\***Nummularia** (*Creeping Jenny*). Moneywort. Yellow flowering creeping plant. June, July.

**MALVA moschata** (*Musk Mallow*). Flowers rose; sweet scented. 1 to 2 ft. June-Sept.

—**alba.** A charming plant; flowers white. 1 to 2 ft. June-Sept.

\***MAZUS rugosa.** Good between stepping stones. Flowers lilac. 1 in. May, June. 3 for \$1.25, 10 for \$3.50.

\***MERTENSIA virginica** (*Virginian Cowslip*). Flowers blue, funnel-formed, in nodding clusters. 1½ ft. May, June.

\***MITCHELLIA repens** (*Partridge Berry*). Trailing evergreen plant for shade. Red berries. 4 in. Sept., Oct.

**MONARDA didyma.** Compact heads of bright red flowers. 3 ft. June-Aug.

**didyma, Cambridge Scarlet.** Next to the scarlet lobelia, the most brilliant of our wild flowers.

\***MYOSOTIS palustris semperflorens** (*Forget-me-not*). Color blue; good for shady spots in the rock garden. 10 in. May-Sept.

\***NEPETA hederacea** (*Glechoma*). Blue; a beautiful evergreen plant of creeping habit; fine for rockwork. 5 in. May, June.

**OENOTHERA fruticosa major** (*Evening Primrose*). Bright yellow flowers. 2 ft. June.

\***missouriensis.** Large, yellow flowers. 10 in. June-Aug. 3 for \$1.25, 10 for \$3.50.

\***PACHYSANDRA terminalis.** One of the most valuable evergreen plants for dense shade. 2 yr. old field grown, \$1.15 for 100, 2¼ in. pots, \$20.00 for 100.

\***PAPAVER nudicaule** (*Iceland Poppy*). White, yellow, orange. 9 in. May-Aug.

—**orientale** (*Oriental Poppy*). Glowing scarlet, black blotch. 2 to 3 ft. May, June.

**Hybrid Oriental Poppies.**

—**Beauty of Livermore.** Deep crimson. 3 ft. May, June.

—**Mrs. Perry.** Pink. 3 ft. May, June.

—**Perry's White.** White. 3 ft. May, June.

—**Princess Victoria Louise.** Soft salmon-pink.

—**Royal Scarlet.** Brilliant scarlet. 3 ft. May, June.

Price of any of the above: 3 for \$1.50, 10 for \$4.50.

**PENTSTEMON barbatus Torreyi** (*Beard Tongue*). Tall spikes of brilliant scarlet flowers. 4 ft. June-Aug.

**Digitalis.** White, tubular flowers with purple throat. 2 ft. July, Aug.

**PEONIES.** See Fall Catalogue.

**PHLOX.** Phloxes are among the very showiest and valuable of all hardy plants. Effective for planting in broad masses in the perennial border or for cutting for indoor decoration, their brilliant coloring places them in the front ranks of desirable flowers. 2 to 3 ft. June-Oct.

**Decussata**

**Baron Von Dedem.** Brilliant salmon red.

**B. Compte.** Glowing Amaranth red.

**Commander-in-Chief.** Splendid crimson red with darker eye.

**Debs.** The finest red variety. Color is bright fiery crimson.

**Elizabeth Campbell.** Immense trusses of bright salmon pink. One of the best.

All Phlox above: 3 for \$1.25, 10 for \$3.50.

**PHLOX—(Continued.)**

**Jeanne D'Arc.** Massive spikes; pure white late flowering.

**Jules Sandeau.** A large, free flowering salmon pink.

**Le Mahdi.** Large heads of deep velvety purple.

**Maid Marion.** Soft lavender.

**Michael Buchner.** Dark purple.

**Mrs. Jenkins.** Large trusses of pure white. Early.

**Mrs. Milly Von Hoboken.** Bright pink, with soft mauve suffusion.

**Rheinlander.** Immense blossoms of salmon pink with a claret eye.

**Tapis Blanc.** A dwarf grower with immense heads of pure white flowers.

**Thor.** Rich salmon pink with crimson eye.

**W. C. Egan.** Large flowers; delicate lilac with red eye.

**Phlox Suffruticosa.** Miss Lingard. An early flowering type with large heads of white flowers with faint lilac eye. June, July. 3 ft. All Phlox above: 3 for \$1.25, 10 for \$3.50.

**Phlox, Dwarf Varieties:**

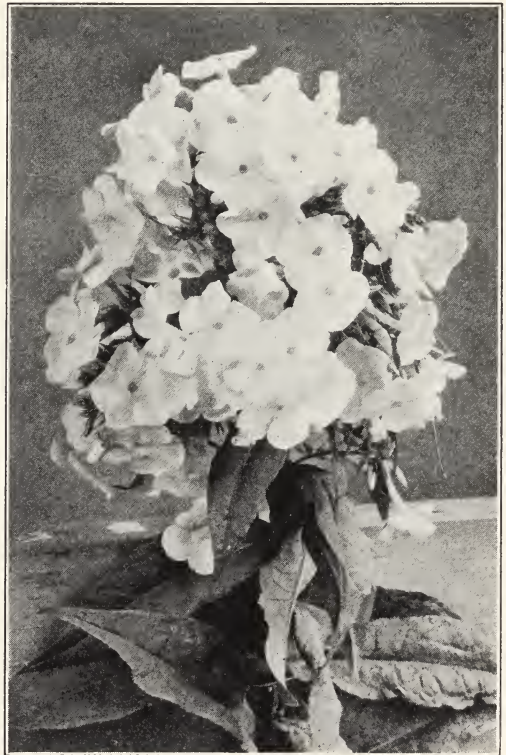
\***amoena.** A prostrate type with bright pink flowers in April and May. Good in rock garden. 4 inches.

\***Divaricata** (*Canadensis*). Masses of large fragrant lavender flowers in April and May. 10 inches. 3 for \$1.25, 10 for \$3.50.

\***subulata** (*Moss Pink*). A prostrate creeping type with moss-like foliage and profusion of pink flowers. 6 inches. April, May.

\***Alba.** The White Moss Pink. Very chaste.

\***Vivid.** Bright fiery rose. 3 for \$1.75, 10 for \$5.00.



Phlox Decussata

All plants, except where noted, 3 for 90c., 10 for \$2.50. Not less than 3 of 1 variety sold.

## HARDY PERENNIAL PLANTS—Continued

**PHYSALIS Francheti** (Chinese Lantern Plant). Enormous orange-colored fruits; useful for Winter decorating. 2 ft. April, May.

**PHYSTEGIA virginiana** (False Dragonhead). Strong spikes of delicate pink flowers. 2 to 3 ft. June, July.

—**alba**. Flowers pure white. 2 to 3 ft. June, July.

—**grandiflora Vivid**. Unusually large flowers, deep pink. 15 in. Sept., Oct. 3 for \$1.50, 10 for \$4.50.

**PLATYCODON grandiflorum** (Balloon Flower). A dense branching plant of upright habit; flowers 3 in. across, blue. 1 to 2 ft. June, July.

—**album**. A white flowered form of the above.

**POLYGONUM multiflorum** (Solomon's Seal). Arching sprays of greenish white flowers; useful for cutting. 2 ft. May, June.

**POLYGONUM Sieboldii**. A strong-growing plant. Produces creamy white flowers; effective for massing. 3 to 5 ft. Aug., Sept. 3 for \$1.25, 10 for \$3.50.

**POPPY**. See Papaver.

\***PRIMULA acaulis (vulgaris)** (Common English Primrose). Bright lemon yellow and fragrant. 6 to 9 in. April, May. 3 for \$1.25, 10 for \$3.50.

\***Auricula Alpina**. Thick leaves covered with down. Round flowers borne in clusters in many colors. 6-8 in. May, June.

\***polyantha**. The popular Polyanthus, comprising flowers of many colors. 6-12 in. May, June.

**PYRETHRUM roseum**. Single mixed varieties. Useful for cutting and borders. 24 in. May, June.

**RUDBECKIA laciniata, Golden Glow**. Masses of double, golden yellow flowers. 6 to 8 ft. Aug., Sept.

**purpurea** (Purple Cone Flower). See Echinacea purpurea.

**speciosa (Newmannii)**. Dark orange-yellow flowers; fine for cutting. 2 ft. June-Oct.

**subtomentosa**. Densely branched masses of brilliant lemon-yellow flowers with dark purple centers. 4 to 5 ft. July-Oct.

**SALVIA azurea grandiflora**. A Rocky Mountain species, with pretty sky-blue flowers. 3 to 4 ft. Aug., Sept.

**pratensis**. Deep blue flowers. 2 ft. June, July.

**SCABIOSA caucasica**. Beautiful, soft lilac flowers, vigorous grower. 2 to 3 ft. June-Aug.

—**alba**. Very rare; pure white; 2 to 3 ft.

The above two varieties 3 for \$1.25, 10 for \$3.50.

**japonica**. Divided leaves, branching habit. Lavender-blue. 3 ft. June to Aug.

\***SANTOLINA incana** (Lavender Cotton). Evergreen perennial with silver white foliage. 1 ft.

\***SEDUM acre** (Golden Moss, Stonecrop). Flowers bright yellow. 2-3 in. May-July.

—**album**. Foliage green; flowers white. 2-3 in.

\***Anglicum**. Neat pretty trailer with white or pale pink flowers. 3-4 in.

\***pruinatum fosterium**. One of the best with glaucous red tinted foliage. 3-4 in.

\***reflexum**. A rapid growing type. Yellow flowers, feathery green foliage. 6-7 in.

\***Sieboldi**. Blueish gray foliage, rose pink flowers. 6 in. Aug. and Sept. \$1.25 for 3, \$3.50 for 10.

\***spurius (stoloniferum)**. A good type of fast growth with white or yellow flowers. 6-7 in.

\***spectabile** (Stonecrop). Large heads of pink flowers. Fine border plant. 1½ ft. Aug.-Sept.

\***SEMPERVIVUM arachnoideum**. (Spider House-leek). Curious and interesting plants which make small rosettes of leaves. Flowers red. 6 in.

\***tectorum** (Roof Houseleek). Broad rosettes of green leaves tipped red and red flowers. 8-12 in.



*Spiraea, Japonica*

**SPIRAEA Filipendula ulmaria**. White. 2 ft. June, July.

**Ulmaria fl. pl.** Double white. 2 ft. June, July.

**SPIRAEA Japonica**. Useful plants for the hardy border.

**Gladstone**. Feathery plumes of pure white flowers. 2 ft. June.

**Queen Alexandra**. An early flowering variety of soft creamy pink. 2 ft. June.

**rubens**. Deep carmine rose. 2 ft. June.

All Spiraeas above: 3 for \$1.50, 10 for \$4.50.

\***STACHYS lanata**. Purple spikes of flowers; soft silvery foliage. 1½ ft. June, July.

\***STATICE latifolia** (Sea Lavender). Fine spreading panicles of lavender flowers.

**STOKESIA cyanea** (Cornflower Aster). Flowers 3 to 4 in. across, of a fine sky-blue. 2 ft. July-Oct.

—**alba**. A white form of the above.

**SWEET WILLIAM**. See *Dianthus*.

**THALICTRUM aquilegifolium** (Meadow Rue). Graceful foliage and masses of pure white flowers. 1 to 3 ft. May-July.

—**adiantifolium**. Leaves resemble those of the maidenhair fern; flowers yellow. 1 ft. June, July.

**diptercarpum**. One of the handsomest Thalictrums, with graceful flowers on stems 4 ft. high; rosy purple, citron-yellow anthers. Aug., Sept. 3 for \$1.25, 10 for \$3.50.

**TRADESCANTIA virginiana** (Spiderwort). Long, grass-like leaves, violet flowers. 2 ft. May-Aug.

—**alba**. White flowers. 2 ft. May-Aug.

**TRITOMA Rufa**. A very dainty yellow flower; a constant bloomer from June until frost; fine for cutting. 2½ ft. June to Nov. 3 for \$1.25, 10 for \$3.50, 100 \$30.00.

—**grandis** (T. Pfitzeri). The freest flowering of all; orange-scarlet, shading to salmon-rose at the edge. 2 to 3 ft. Aug., Sept.

\***THYMUS serpyllum** (Creeping Thyme). A creeping evergreen plant much prized for edging and rockwork. Tiny lilac flowers. 6 in. July.

\***serpyllum citriodorus** (Scented Thyme). With tiny pink flowers and sweet foliage. 4 in. July, Aug.

\***vulgaris** (Common Thyme). Small lilac flowers with fragrant foliage. 6 in. June, July. All Thymes above: 3 for \$1.25, 10 for \$3.50.

All plants, except where noted, 3 for 90c., 10 for \$2.50. Not less than 3 of 1 variety sold.

## HARDY PERENNIAL PLANTS—Continued

**THERMOPSIS caroliniana.** A fine plant with clover-like foliage; long spikes of bright yellow, pea-shaped, lupine-like flowers. 4 ft. June, July. 3 for \$1.25, 10 for \$3.50.

**TRILLIUMS.** See Fall Catalogue.

**TROLLIUS europaeus** (European Globe Flower). A pretty plant, with large, lemon-colored, buttercup-like flowers, 1 to 1½ in. across on long stems. Should be planted in moist soil. 2 ft. May June.

**Orange Globe.** A profuse bloomer, of robust growth; large orange flowers; very fine. 2 ft. May, June.

All Trollius 3 for \$1.75, 10 for \$5.00.

**VALERIANA officinalis** (Hardy Garden Heliotrope). Fragrant, light pink flowers. 3 to 5 ft. June, July.

**VERBASCUM** (Mullein). **Harkness Hybrids.** Picturesque plants flowering over a long period with large flowers of various colors. 6 ft. Aug.

**olympicum.** Yellow flowers. Very attractive variety. 8 ft. May, June.

**thapsiforme (densiflorum).** Large, yellow flowers. 2 to 5 ft.

**VERONICA** (Speedwell). All Veronics love moist situations and are excellent for rock-work.

**incana.** Deep blue flowers with silvery foliage. 1 ft. July, Aug.

**longifolia subsessilis** (Blue). Attractive; blooms until late Fall. 2 ft. Aug., Sept. 3 for \$1.25, 10 for \$3.50.

**\*rupestris.** An excellent plant for carpeting rockeries with dense spikes of blue flowers. 4 in. May, June.

**spicata.** Spikes of blue flowers. 1½ ft. June, July.

**VINCA minor** (Periwinkle). Evergreen trailer; fine for covering bare places. April, May.

**\*VIOLA cornuta G. Vermig.** This is a true Viola cornuta, with large blue flowers.

**\*odorata** (Sweet Violet). Single Russian. An excellent hardy variety for herbaceous borders, flowers dark blue on long stems. 6-8 in. May to Oct.



Veronica Longifolia

**VIOLA, Tufted Pansies.**

**\*Admiration.** Soft purple, dark blotched.

**\*lutea splendens.** Golden yellow.

**\*White perfection.** White.

**\*Jersey Gem.** A valuable bedding Viola that will succeed in any good soil in sunny situation. Plant compact, growth sturdy with good stems, on which are pure violet flowers in great profusion. May to October. 3 for \$1.25, 10 for \$3.50.

**YUCCA filamentosa** (Adam's Needle). Pyramidal clusters of creamy flowers. 4 to 6 ft. June, July.

## Seeds of Plants for Rock Gardens

Being frequently asked to recommend seeds of plants not necessarily alpinines—suitable for use in American rock gardens, we have compiled the following lists for ready reference. All those offered are of easy culture and can be relied upon to give greater general satisfaction than is usually obtained with the rarer and more difficult alpinines.

While the veteran rock gardener may decry the use of annuals in the rock garden, we stress their utility for making a quick showing either in temporarily replacing losses or for immediate effect in newly constructed rock gardens.

## SEEDS OF PERENNIALS

Adonis vernalis  
Alyssum saxatile  
Alyssum saxatile Silver Queen  
Anemone coronaria  
Aquilegia glandulosa  
Aquilegia Skinneri  
Arabis alpina  
Armeria  
Asperula odorata  
Aubrietia (in variety)  
Auricula  
Bellis

Callirhoe involucrata  
Campanula Carpatica  
Carnation (dwarf Vienna)  
Cerastium Tomentosum  
Cheiranthus Allioni  
Cheiranthus Linifolius  
Cowslips  
Dianthus plumarius  
Edelweiss  
Erysimum pulchellum  
Erinus alpinus  
Heuchera sanguinea

Linaria cymbalaria  
Linum perenne  
Myosotis (in variety)  
Platycodon mariesi  
Polyanthus (in variety)  
Primula Beesiana  
Primula Japonica  
Primroses (in variety)  
Thalictrum adiantifolium  
Viola odorata  
Viola "Jersey Gem"

## SEEDS OF ANNUALS

Abronia  
Ageratum  
Alyssum  
Candytuft  
Dianthus  
Eschscholtzia  
Globe Amaranth  
Ionopsidium

Lobelia  
Marigold (dwarf)  
Mesembryanthemum  
Mignonette (dwarf)  
Mimulus  
Nasturtium (dwarf)  
Nemesia compacta  
Pansy (in variety)  
Petunia (dwarf)

Phacelia  
Phlox Drummondii (dwarf)  
Portulaca  
Sanvitalia  
Tagetes  
Verbena  
Viola (in variety)  
Viscaria

# Hardy Vines and Climbers

From a utilitarian as well as an ornamental viewpoint, hardy vines are most desirable. For beautifying pergolas, fences or rough banks nothing is quite so satisfactory. Our offerings embrace the choicest as well as the more reasonably priced varieties.

Field grown vines may be shipped in Spring or Fall; pot grown specimens are available throughout the year.

**ACTINIDIA arguta.** Shining, dark green foliage. Flowers white, with purplish center. \$1.00 each

**AKEBIA quinata.** Numerous bunches of violet brown flowers; does best in sunny places.

**AMPELOPSIS heterophylla.** Well adapted for covering rocks and low trelliswork. 75c. each

**quinquefolia** (Virginia Creeper). Very large, green foliage, changing to brilliant scarlet in the Fall. . . . . 50c. each

**Engelmannii.** Similar to the preceding, with smaller and more dense foliage. . . . 50c. each

**tricuspidata Lowii** (Lowii) (New Japanese Ivy). The small, prettily lobed foliage changes to a brilliant crimson in Autumn. Pot grown plants, \$1.00 each.

**Veitchii** (Japanese or Boston Ivy). Rapid growing vine, handsome green foliage, assuming charming sun tints in the Fall.

Field grown plants, 2-yr. 50c. each, \$4.50 for 10  
Pot grown plants. . . . \$1.00 each, \$9.00 for 10

**ARISTOLOCHIA Siphio** (Dutchmans Pipe). A vigorous and rapid flowering climber. \$1.00 each

**BIGNONIA radicans** (Common Trumpet Vine). Brilliant orange-scarlet flowers in July and August. . . . . 75c. each

**CELASTRUS scandens** (False Bittersweet). A native vine, of rapid growth, with large leaves and yellow flowers.

Field grown plants. . . . \$1.00 each, \$9.00 for 10

**CLEMATIS.** Beautiful and attractive vines.

**Jackmanii.** One of the best; large, rich, velvety purple flowers in profusion. \$1.50 each.

**Henryi.** Large, creamy white, fine form. \$1.50 each

**Mme. Edouard Andre.** Bright red flowers. Pot grown plants. . . . . \$1.50 each

**paniculata** (Japanese Virgins Bower). The white flowers are very pretty, fragrant and resemble snowflakes in late Summer.

Field grown plants. . . . 50c. each, \$4.50 for 10

**EUONYMUS radicans.** Very hardy, dense growing trailing vine; dull green leaves, with whitish veins.

Field grown plants. . . . 60c. each, \$4.50 for 10

**variegatus.** Fine vine, with clinging tendrils. Compact, variegated, small leaves. 75c. each

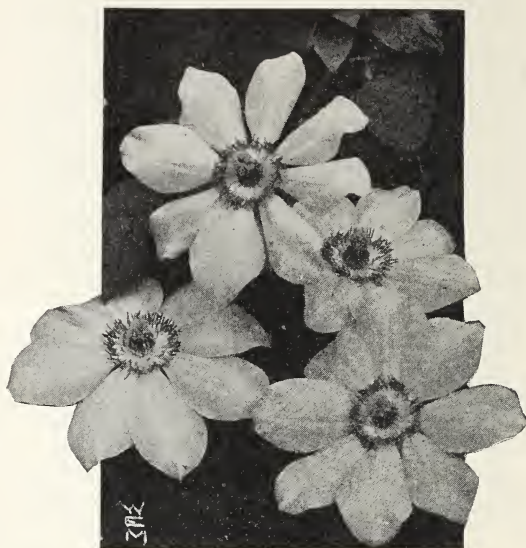
**vegetus.** Has round leaves and produces an abundance of showy red fruits with yellow pods. . . . . \$1.00 each, \$9.00 for 10

**HEDERA helix** (English Ivy). This is the popular, small-leaved variety and has proved perfectly hardy.

Pot grown plants. . . . 50c. each, \$4.50 for 10

Extra strong plants. . . 75c. each, \$6.50 for 10

Specimens with many branches trained on sticks. 4 to 6 ft. \$4.00 each.



Clematis Jackmann

**LONICERA japonica aureo-reticulata.** Handsome foliage, netted and spotted bright yellow.

2-yr. plants, 50c. each, \$4.50 for 10, \$40.00 per 100

—**Halliana** (Hall's Japanese Honeysuckle). A strong grower and constant bloomer. A choice variety.

2-yr. plants, 50c. each, \$4.50 for 10, \$35.00 per 100

**sempervirens** (Trumpet Honeysuckle). One of the best varieties. Its deep crimson flowers are borne profusely throughout the summer followed by scarlet berries. . . . . 75c. each

**LYCIUM Chinensis** (Chinese Matrimony Vine).

A vigorous climber, branching freely, bright purple star-shaped flower followed by brilliant scarlet berries. Fine for banks or retaining wall. . . . . 50c. each, \$4.50 for 10

**POLYGONUM auberti** (Silver Lace Vine). A useful climbing plant, perfectly hardy, a strong grower, covering itself with a sheet of snowy white flowers. . . . . \$1.00 each

**PUERARIA Thunbergiana** (Kudzu Vine). A most remarkable rapid growing vine, unparalleled for ornament and shade. . . . . \$1.00 each

**SCHIZOPHRAGMA hydrangeoides** (Climbing Hydrangea). Has bright green, round leaves, and flowers similar to Hydrangeas.

Pot-grown plants. . . . . \$2.50 each

**TECOMA.** See *Bignonia*.

**WISTERIA sinensis (chinensis)** (Chinese Wisteria). Flowers sky-blue, in long, pendulous clusters. . . . . \$1.00 each

Pot-grown plants. . . . . \$3.00 each

—**alba (chinensis alba)** (White Chinese Wisteria). A choice variety with white flowers. \$1.00 each

Pot-grown plants. . . . . \$3.00 each

The prices given above are for field grown plants. We can supply pot grown plants, upon request, of the majority of varieties mentioned above.



Red Radiance



Mme. Butterfly



Willommere

## ROSES

### HYBRID TEA, OR EVERBLOOMING

This selection will produce a mass of Roses to cut from, the entire season. The plants are two-year-old, and the varieties are the very best for outdoor culture; invaluable either for display or cutting and are hardy with protection.

Being almost as hardy as the June Roses, they can be treated in a similar way with regard to pruning.

All strong, two-year-old field grown plants, \$1.00 each, \$9.00 for 10.

#### SUGGESTIONS FOR SPRING PLANTING OF ROSES

The soil should be thoroughly cultivated and a liberal supply of rotted manure added. In planting, dig a hole sufficiently large to accommodate the roots when spread out on the bottom of the hole. In filling in the soil, shake the plant lightly in order that the soil may mix between the roots. Fill in the soil and firm it in order that the plant may be solid. Be sure to see that the lower parts of the lower branches are below the surface of the soil. Do not plant in a mound, the surface should be level. Cut back the branches to within 4 to 6 inches of the surface of the ground. With this treatment the best results may be obtained.

### PINK AND ROSE SHADES

**Briarcliff.** One of the most popular. Brilliant rose pink and fragrant.

**Columbia.** A large beautiful pink.

**Jonkheer J. L. Mock.** Carmine, changing to imperial pink. A variety of distinct merit.

**Killarney.** A distinct clear pink.

**Lady Alice Stanley.** Deep coral rose on the outside of the petals, pale flesh on the inside.

**Lady Ashtown.** Pale carmine-pink, shading to golden yellow at base of petals.

**Lady Ursula.** Pastel shades of pink merging to yellow base, pleasantly fragrant.

**La Tosca.** Silvery pink with deeper center, full flowers.

**Los Angeles.** A luminous flame pink, toned with coral and shaded with translucent gold.

**Mme. Butterfly.** Bright pink apricot and gold. Large buds and flowers.

**Mme. Caroline Testout.** Bright, satiny rose, with brighter center; free flowering.

**Miss Cynthia Forde.** Large flowers of deep, brilliant rose-pink, with light rosy pink reflex.

**Mrs. A. R. Barracough.** A glorious rose of large pure pink flowers. Very fragrant.

**Mrs. Henry Morse.** A lovely pink, shaded salmon, deeper at the base.

**Ophelia.** Delicate rose, heavily flushed but opening to a salmon flesh shaded with rose.

**Premier.** A handsome dark pink. The large full blooms are exquisite and very lasting.

**Radiance.** Beautiful carmine rose flushed with copper; large round flowers.

**Willommere.** Coral-red buds opening to shrimp-pink.

**William F. Dreer.** Beautiful, shell-pink petals, with golden yellow bases.

### SCARLET, CARMINE AND CRIMSON SHADES

**Charles K. Douglas.** Fine long pointed buds opening to large flowers of crimson-scarlet.

**Etoile de France.** A soft, velvety crimson, with a vivid shade of cerise.

**Etoile de Hollande.** Brilliant red bloom, fine size, very fragrant. A splendid rose.

**Francis Scott Key.** A glorious rose of blazing red. Perfectly formed, large size, fragrant.

**General MacArthur.** Bright crimson; large, free flowering; highly perfumed; very hardy.

**Gruss an Teplitz.** Brightest scarlet crimson; satiny texture; very free flowering.

**Hadley.** Rich crimson; velvety red texture; lovely form and perfume.

**H. V. Machin.** Intensely black-grained, scarlet-crimson blooms carried on rigid flower stalks.

**John Russell.** Large buds and immense crimson flowers. Strong and vigorous grower.

**Laurent Carle.** Brilliant, velvety carmine.

**Margaret McGredy.** Brilliant oriental red; a marvelous color, very prolific.

**Red Radiance.** Color deep red. The enormous, globular flowers are borne on heavy canes.

Any of the above varieties, each \$1.00, 10 for \$9.00.

## Roses, Hybrid Tea and Everblooming—Continued

## YELLOW, SALMON, COPPER SHADES

**Betty.** Flowers ruddy gold; very large.

**Betty Upchurch.** An indispensable bedding variety; copper red buds opening to orange-carmine.

**Duchess of Wellington.** Flowers saffron-yellow, which become deep coppery yellow as they open.

**Eldorado.** Buds golden yellow flushed red, opening to clear yellow, slightly fragrant.

**Independence Day.** Flame-colored flowers, show also petals of gold and apricot.

**Lady Margaret Stewart.** A perfectly formed rose of golden yellow.

**Mme. Edouard Herriot** (Daily Mail Rose). Coral-red, shaded with yellow and bright rosy scarlet, passing to shrimp-red.

**Miss Lolita Armour.** Chrome-yellow at base, shading to orange and copper hues.

**Mrs. Aaron Ward.** The color is a distinct Indian yellow, and as the flowers expand, they shade lighter to the edges.

**Mrs. E. Pembroke Thom.** Bright canary yellow; one of the best yellows; does not fade.

**Padre.** Copper-scarlet with bright yellow at base of petals.

**Rev. F. Page Roberts.** Copper-red buds of great length, opening to golden yellow.

**Souvenir de Claudius Pernet.** Fine buds of fadeless yellow.

**Talisman.** Brilliant red and gold buds, opening to blooms of scarlet orange. Tall and vigorous.

**Ville de Paris.** Large globular flowers of clear yellow; tall and wiry with good foliage.

**Wilhelm Kordes.** Long pointed buds of deep golden salmon, suffused copper and veined with red; very fragrant.

## PURE WHITE AND WHITE SHADES

**Edel.** A wonderful Rose, producing white flowers that open ivory-white.

**Kaiserin Auguste Victoria.** White, shading to primrose. A fine Rose; very vigorous.

**Killarney, Double White.** Very fine form of pure delicate appearance.

Any of the above varieties,  
\$1.00 each, \$9.00 for 10.



Frau Karl Druschki



Mrs. John Lang



Genl. Jacqueminot

## Hybrid Perpetual, or Remontant Roses

These are commonly called the June Roses, owing to their greatest crop being borne in that month. Require hard pruning annually. Our list of varieties is selected with a view to suit all lovers of the Rose who desire the best.

**American Beauty.** Deep pink to soft carmine.

**Frau Karl Druschki.** Fine snow-white; vigorous grower and very hardy.

**General Jacqueminot.** Brilliant scarlet-crimson; superb flower.

**George Arends.** Strong grower with delicate pink flowers.

**George Dickson.** Dark red.

**J. B. Clark.** Intense deep scarlet.

**John Hopper.** Bright rose.

**Magna Charta.** Bright pink, suffused with carmine; a beautiful Rose.

**Mrs. John Laing.** Immense blooms of soft clear pink. A strong grower.

**Paul Neyron.** Deep rose; largest of all Roses; fine foliage.

**Ulrich Brunner.** Bright, cerise red; flowers large.

Any of the above Roses, \$1.00 each, \$9.00 for 10.

## DWARF POLYANTHA ROSES

The Polyanthas are a charming class of everblooming Roses, of a dwarf, bushy habit.

**Ellen Poulsen.** The flowers are large size and brilliant pink in color.

**Gruss an Aachen.** Large flowers of flesh pink overlaid with cream yellow; deep pink at base.

**Ideal.** Dark scarlet, shaded black; profuse bloomer in compact bushes.

**Miss Edith Cavell.** A brilliant scarlet color.

**Orange Perfection.** Bright orange-red, very showy.

**Orleans.** Brilliant geranium-red, tinted pink, with creamy white centers.

**Triomphe Orleanais.** A bright, cerise-red.

Any of the above Roses, \$1.00 each, \$9.00 for 10.

## MISCELLANEOUS ROSES

**Rosa Hugonis.** Light yellow flowers along slender branches. Not suitable for planting in rose beds, but invaluable for single specimens or among shrubs. Each \$1.00.

**Single Rose, Irish Fireflame.** Orange-crimson blooms shaded pink and gold. Large and fragrant. Each \$1.00.

## MOSS ROSES

The Moss Roses are very fragrant and bloom profusely in June.

**Blanche Moreau.** Pure snowy white.

**Crested Moss.** Pale, rosy pink, beautifully crested.

**Henry Martin.** The color is a clear red heavily mossed with deep green.

Any of the above Roses \$1.00 each.

## STANDARD ROSES

We can supply many of the leading varieties in standard or tree form. Each \$5.00.



Rosa Hugonis

## ROSA RUGOSA AND THEIR HYBRIDS

These are particularly suited for planting near the seashore or other exposed positions. Can also be used amongst shrubs or as a hedge.

**Rosa Rugosa.** Single flowers, shades of pink. Each 75c., 10 for \$6.50.

**Rosa Rugosa alba.** White. Each 75c., 10 for \$6.50.

**Amelia Graveureaux.** Clusters of double fragrant flowers, dark purplish-red. Each \$1.00.

**Dr. E. M. Mills.** Primrose flowers shaded pink. A bushy shrub, flowers profusely. Each \$1.00.

**F. J. Grootendorst Red.** Combines the ever-blooming habit of the polyantha with the strong growth of Rugosa. Each \$1.00.

**J. F. Grootendorst Pink.** Similar to the above. Makes a wonderful hedge. Each \$1.00.

**New Century.** Double fragrant pink flowers. One of the finest Rugosas. Each \$1.00.

## Climbing and Trailing Roses

This class is easily distinguished by their peculiar habits. They may be grown either on trellis, pergolas or used in covering banks. The Roses in this class mostly flower in clusters.

**American Pillar.** Single flowers, brilliant carmine pink.

**Aviateur Bleriot.** Saffron buds and flowers streaked with crimson in small clusters.

**Climbing American Beauty.** Fragrant flowers of a rich crimson color.

**Crimson Rambler.** Small, ruffled flowers of dazzling scarlet-red borne in giant sprays.

**Dorothy Perkins** (Hybrid Wichuraiana). Soft light pink, flowers profusely in large clusters.

**Dr. W. Van Fleet.** The long pointed buds are of a rich flesh-pink on long stems; vigorous grower.

**Emily Gray.** Golden yellow flowers like Marechal Neil. Very fragrant. Needs protection during the winter.

**Excelsa.** Intense crimson, with lighter edges.

**Gardenia.** Pleasing yellow buds, opening lighter.

Any of the above Roses, \$1.00 each, \$9.00 for 10.

**Hiawatha** (Single Wichuraiana). Brilliant scarlet flowers in large clusters; most brilliant and effective.

**Mary Wallace.** Large double vivid pink flowers, strong grower, very hardy.

**Paul's Scarlet Climber.** It is a vivid scarlet, shaded with bright crimson.

**Roserie.** A thornless Rose of deep pink.

**Silver Moon.** Semi-double, pure white flowers with bright yellow stamens; very profuse bloomer.

**Tausendschoen** (multiflora). Opening flowers pink, rosy carmine when expanded; clusters very large.

**The New Dawn.** The Everblooming Climbing Rose. The color is a soft blush pink. Each \$2.00.

**White Dorothy Perkins.** An invaluable Rose for masses of white bloom.

## GREENHOUSE ROSES

The Roses we offer for greenhouse culture are grown by reliable growers on **grafted stock** only. We guarantee fine, healthy stock will be sent on all orders entrusted to our care.

**Briarcliff.** The color is more brilliant than Columbia, being a true rose-pink.

**Commonwealth.** A beautiful dark pink. A wonderful rose for spring flowering.

**Double White Killarney.** The best white.

**Golden Pernet.** A greatly improved Pernet, better color, perfect formation and less thorns.

**Mrs. Calvin Coolidge.** The golden yellow.

**Mrs. F. R. Pierson.** A wonderful Rose. A fine sport of Premier with all its sterling qualities.

**Mme. Butterfly.** Bright pink, apricot and gold.

**Ophelia.** Clear salmon pink.

**Premier Supreme.** Rose pink, free and easy grower.

**President Herbert Hoover.** Better than Talisman, more double, freer flowering, color a combination of cerise pink, flame scarlet and yellow.

**Rapture.** An exquisite salmon shade, deeper than Butterfly, with the same golden flush at the base of petals.

**Souvenir de Claudius Pernet.** A beautiful yellow Pernetiana Rose. Grafted on Rosa odorata.

**Talisman.** The outstanding Rose. Color a combination of gold, apricot, yellow and deep pink or old rose.

**Templar.** A clear bright red; very fragrant.

Grafted stock only. 2½-in. pots, doz. \$7.00, 100 \$50.00; 3-in. pots, doz. \$9.00, 100 \$65.00.

Greenhouse Roses ordered in advance will be shipped in due season for planting.



## Flowering and Foliage Shrubs

Please note that the prices below are based upon actual values. Shape, buds and roots are what you want, not merely height. We will send out only plants that are sure to give ultimate satisfaction. We have larger specimen plants, and if ordered, will supply them at proportionate rates.

**ALTHAEA** (Rose of Sharon). Strong, erect growing shrub of symmetrical habit. Very desirable for flowering all Summer.

**Double Pink, Purple, Rose, or White.**

2 to 3 ft. .... .75c. each, \$6.50 for 10  
3 to 4 ft. .... \$1.00 each, \$9.00 for 10

**AMELANCHIER canadensis** (Dwarf Juneberry). White flowers in early Spring before the leaves.

2 to 3 ft. .... \$1.00 each  
3 to 4 ft. .... \$1.50 each

**AMYGDALUS chinensis alba flore pleno** (Double White Flowering Almond).

3 ft. .... \$1.50 each

**—rosea plena** (Double Pink Flowering Almond).

3 ft. .... \$1.50 each

**ANDROMEDA catesbaei**. A valuable shrub for planting under trees, on the margins of woodland drives and in other shady positions. Flowers are fine white and are borne on long, pendulous racemes, with a characteristic fragrance.

15 to 18 in. .... \$2.00 each, \$17.50 for 10  
1½ to 2 ft. .... \$3.00 each, \$27.50 for 10

**AZALEA amoena**. Evergreen shrub of bushy habit and perfect hardiness. Flowers are of bright rosy purple.

12 to 15 in. .... \$2.50 each  
15 to 20 in. .... \$4.00 each

Specimen plants. .... \$5.00 to \$10.00 each

**hinodegiri**. A bright scarlet form of the well-known and charming *Azalea amoena*.

12 to 15 in. .... \$3.50 each  
15 to 18 in. .... \$5.00 each

**viscosa** (Swamp Honeysuckle). White, fragrant flowers in June and July.

12 to 18 in. .... \$2.50 each, \$20.00 for 10

**BENZOIN aestivale** (Spicewood). Tall spreading bush with red berries in Summer and Autumn.

2 to 3 ft. .... .60c. each, \$5.00 for 10  
3 to 4 ft. .... .75c. each, \$6.00 for 10

**BERBERIS thunbergi** (Barberry). A beautiful Japanese variety of dwarf habit. Small foliage, changing to beautiful red in Autumn.

1½ to 2 ft. .... 50c. each    2 to 3 ft. .... 75c. each

**thunbergi atropurpurea** (Red-leaved Barberry). The foliage is a rich bronzy-red with scarlet berries in the Fall. Should be planted in full sun exposure for best coloring.

12 to 15 inches. .... 75c. each, \$7.00 for 10

**Box Barberry**. A perfectly hardy edging plant.

8 to 12 in. .... \$4.00 per 10, \$40.00 per 100  
12 to 15 in. .... \$5.00 per 10, \$50.00 per 100

15 to 18 in. .... \$6.00 per 10, \$60.00 per 100

**BUDDLEIA magnifica (variabilis magnifica)**.

Purple-lilac flowers borne in long, graceful panicles, commencing to open in Midsummer and continuing until frost. 2 to 3 ft., 50c. each

**CALYCANTHUS floridus** (Sweet Scented Shrub).

2 to 3 ft. .... 75c. each    3 to 4 ft. .... \$1.00 each

**CERCIS canadensis** (Japan Judas Tree, or Red-bud).

2 to 3 ft. .... .75c. each, \$7.00 for 10  
3 to 4 ft. .... \$1.00 each, \$9.00 for 10

**CHIONANTHUS virginica** (White Fringe). One of the most decorative of all the flowering shrubs.

2 to 3 ft. .... \$15.00 each    3 to 4 ft. .... \$2.00 each

**CLETHRA alnifolia** (Sweet Pepper Bush).

2½ to 3 ft. .... .75c. each, \$7.00 for 10  
3 to 4 ft. .... \$1.00 each, \$9.00 for 10

**CORNUS alba sibirica** (Red Osier Dogwood).

3 to 4 ft. .... .75c. each, \$6.00 for 10

**florida**. Pure snow-white flowers.

3 to 4 ft. .... \$1.75 each    4 to 5 ft. .... \$3.00 each

**—rubra** (Red Flowering Dogwood).

1½ to 2 ft. .... \$4.00 each    2 to 3 ft. .... \$6.00 each

**sanguinea**. The well-known red-branched Dogwood. 3 to 4 ft. .... 75c. each, \$6.50 for 10

All Trees and Shrubs are shipped by express collect. No. C. O. D. shipments made,

## FLOWERING AND FOLIAGE SHRUBS—Continued

**CORYLUS americana** (American Hazlenut).  
Useful for natural plantings.

2 to 3 ft., \$1.00 each. 3 to 4 ft., \$1.50 each.

**CRATAEGUS coccinea** (Scarlet Fruited Thorn).  
**Crus-galli** (Cockspur Thorn).

**Oxyacantha** (English Hawthorn). Single  
white flowers.

—**alba plena**. Double white flowers.

—**flore rosea plena**. Beautiful pink, double.

**W. Paul's Scarlet**. Rich brilliant scarlet  
flowers.

Prices of above varieties:

3 to 4 ft. \$2.50 each. 4 to 5 ft. \$3.50 each

**CYDONIA japonica** (Japan Quince).

1½ to 2 ft. .... 75c each, \$6.50 for 10

**DAPHNE Cneorum** (Garland Flower). Sweet  
scented bright pink flowers. Trailing habit  
strong plants.

6 to 8 in. spread....\$1.25 each, \$11.00 for 10

8 to 10 in. spread....\$1.50 each, \$14.00 for 10

**DEUTZIA crenata fl. pl.** Flowers double, pink-  
ish white.

2 to 3 ft. .... 60c. each, \$5.50 for 10

3 to 4 ft. .... 75c. each, \$7.00 for 10

**gracilis**. A fine hardy shrub, forming a  
round and compact mass of white in June.

1 to 1½ ft. .... 50c. each, \$4.50 for 10

1½ to 2 ft. .... 75c. each, \$7.00 for 10

**Lemoinei**. 2 to 2½ ft. .... 75c. each

**Pride of Rochester**. Double white flowers,  
tinged pink.

2 to 3 ft. .... 60c. each, \$5.50 for 10

3 to 4 ft. .... 75c. each, \$7.00 for 10

**ELAEOAGNUS longipes** (Silver Thorn). The  
foliage is bright green above and silvery  
white beneath.

2 to 3 ft. .... 75c. each, \$7.00 for 10

3 to 4 ft. .... \$1.00 each, \$9.00 for 10

**EUONYMUS americana** (Strawberry Bush) (Spin-  
dle Tree, or Burning Bush). An erect grow-  
ing shrub with slender, green branches.

2 to 3 ft. .... 75c. each, \$6.50 for 10

3 to 4 ft. .... \$1.00 each, \$9.00 for 10

**alatus**. The foliage is fine rose color in the  
Autumn.

2 to 3 ft. \$1.00 each. 3 to 4 ft. \$1.25 each

**FORSYTHIA Fortunei** (Golden Bell). Bark bright  
yellow; blooms in dense masses of golden  
flowers in April.

**suspensa** (Weeping Golden Bell). Somewhat  
pendulous in habit.

**viridissima**. Blooms early in Spring, before the  
leaves appear.

2 to 3 ft. .... 60c. each, \$5.50 for 10

3 to 4 ft. .... 75c. each, \$6.50 for 10

4 to 5 ft. .... \$1.00 each, \$9.00 for 10

**HALESIA tetraptero** (Silver Bell) (Snowdrop  
Tree). A beautiful large shrub, with pretty,  
white, bell-shaped flowers.

2 to 3 ft. \$1.00 each. 3 to 4 ft. \$1.50 each

**HYDRANGEA arborescens grandiflora** (Hills of  
Snow). Foliage green, bluish underneath.  
Flowers June and July.

2 to 3 ft. 75c. each. 3 to 4 ft. \$1.00 each

—**paniculata grandiflora**. This is a grand plant,  
showy and attractive, lasting in bloom for  
months.

2 to 3 ft. .... \$1.00 each, \$9.00 for 10

3 to 4 ft. .... \$1.25 each, \$11.00 for 10

Standards, 3 yr. head. .... \$2.00 each

**Otakas**. Immense heads of either pink or blue  
flowers.

Extra heavy pot grown plants,  
\$1.00 to \$2.00 each

Plants in tubs. .... \$4.00 to \$10.00 each

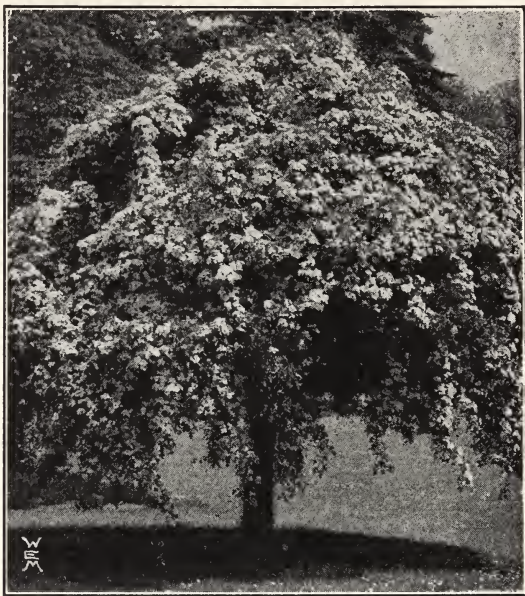
Specimens .... \$15.00 to \$25.00 each

## French Varieties

**Baby Bimbenet**. Very dwarf, free, and early;  
large, compact trusses of silvery rose flowers.

**Eclairer**. Bright carmine rose.

**General de Vibraye**. Large; bright rose.



Flowering Thorn (Crataegus)

**HYDRANGEA, French Varieties—(Continued.)**

**Louis Foucard**. Distinct, deep cheerful reddish  
carmine.

**Mme. Maurice Hamar**. Very good pink.

**Souv. de Mme. E. Chautard**. The most popular,  
early, free pink.

Pot grown plants. .... \$1.00 each, \$9.00 for 10

**HYPERICUM aureum** (St. John's Wort). Flowers  
of bright yellow, July to August.

**Moserianum**. Beautiful golden yellow flowers,  
crimson stamens. Of dwarf habit.

All Hypericums. .... 90c. each, \$7.50 for 10

**ITEA virginica** (Virginian Willow). One of the  
prettiest native shrubs; produces racemes of  
pure white flowers during June, which have  
a fragrance not unlike the Pond Lily.

1½ to 2½ ft. .... 60c. each, \$5.50 for 10

**JASMINUM nudiflorum** (Winter Jasmine). Golden  
yellow flowers very early in Spring, flowering  
before the foliage appears.

18 to 24 in. 75c. each 2 to 2½ ft. \$1.00 each

**KERRIA Japonica**. A green-branched shrub con-  
spicuous in winter; abundant yellow flowers  
from June to October.

1½ to 2 ft. .... 70c. each, \$6.00 for 10

2 to 3 ft. .... \$1.00 each, \$8.00 for 10

—**Flore-pleno**. Double yellow flowers.

1½ to 2 ft. .... 80c. each, \$7.00 for 10

2 to 3 ft. .... \$1.25 each, \$10.00 for 10

**LIGUSTRUM amurense** (Japanese Privet). Large,  
oblong, glossy green foliage, half evergreen;  
grows to 15 ft.

3 to 4 ft. .... 75c. each, \$6.50 for 10

**Ibota** (New Japanese Privet). Large, glossy,  
distinct foliage.

3 to 4 ft. .... 60c. each, \$5.50 for 10

**ovalifolium** (California Privet). Vigorous shrub  
of excellent habit.

3 to 4 ft. .... 50c. each, \$4.50 for 10

4 to 5 ft. .... 75c. each, \$6.50 for 10

Globe-shaped, clipped, 2½ ft. .... \$4.00 each

3 ft. \$5.00 each. 3½ ft. .... \$6.00 each

## FLOWERING AND FOLIAGE SHRUBS—Continued

**LIGUSTRUM**—(Continued.)

**Regelianum.** Splendid dense horizontal growing shrub. 1½ to 2 ft....50c. each, \$4.50 for 10  
2 to 2½ ft.....75c. each, \$6.50 for 10

**LILACS. Named varieties.** The stocks we offer, are bushy, cut back plants with splendid root system, and should flower the second year after planting. We have some forty different varieties, consisting of the old fashioned kinds and the newest French introductions. We shall be glad to send you a list of varieties on request.

Standard Varieties:  
2 to 3 ft....\$1.75 each. 3 to 4 ft....\$2.25 each  
New French Varieties:  
2 to 3 ft....\$2.25 each. 3 to 4 ft....\$3.00 each

**LILACS. Syringa persica.** Purple flowers.  
2 to 3 ft....\$1.00 each. 3 to 4 ft....\$1.25 each  
**rothomagensis.** Large red flowers.  
2 to 3 ft....\$1.00 each. 3 to 4 ft....\$1.25 each  
**vulgaris.** The common purple species.  
2 to 3 ft....75c. each. 3 to 4 ft....\$1.00 each  
**vulgaris alba.** Fragrant single white.  
2 to 3 ft....\$1.00 each. 3 to 4 ft....\$1.25 each

**LONICERA** (Bush, or Upright Honeysuckle).

**fragrantissima** (Fragrant Upright Honeysuckle). Graceful spreading habit, rich dark green foliage; fragrant flowers.

**Morrowi.** Pure white flowers; bright red fruit; August till late Fall.

**tatarica** (Tartarian Honeysuckle). Pink flowers.

—**alba** (White Tartarian Honeysuckle).

Prices of all varieties:

2 to 3 ft.....60c. each, \$5.50 for 10  
3 to 4 ft.....75c. each, \$7.00 for 10

**MALUS atrosanguinea** (Crab). Makes a good head; covered with deep carmine flowers.

**floribunda** (Profuse Flowering Crab). Forms a shapely bush or small tree; bud warm red, opening to light pink, delicately shaded.

**ioensis** (Bechtel's Crab). Finest of all. Large peach blush double flowers. Sweet scented.

**Scheideckeri** (Double Flowering Crab). Has fine double flowers of a light rose color.

Prices of above:

3 to 4 ft....\$1.50 each. 4 to 6 ft....\$2.50 each

**PHILADELPHUS coronarius** (Common Mock Orange). Flowers pure white and very fragrant. Blooms in June.

2 to 3 ft.....60c. each, \$5.50 for 10  
3 to 4 ft.....75c. each, \$6.50 for 10

—**virginal.** Erect growing, large double white flowers from June until Fall.

2 to 3 ft.....\$1.00 each

**grandiflorus.** Flowers creamy white, vigorous shrub.

2 to 3 ft.....60c. each, \$5.50 for 10  
3 to 4 ft.....75c. each, \$7.00 for 10

**PRUNUS pissardii** (Purple-leaved Plum). Vigorous, upright growth.

3 to 4 ft.....\$1.00 each, \$9.00 for 10  
4 to 5 ft.....\$1.50 each, \$12.00 for 10

**triloba** (Double Flowering Plum).

2 to 3 ft....\$1.25 each. 3 to 4 ft....\$1.50 each

**RHODOTYPOS kerrioides** (White Kerria). Showy white flowers in May followed by black berries that last all Winter.

18 to 24 in.....75c. each, \$6.50 for 10  
2 to 3 ft.....\$1.00 each, \$9.00 for 10

**RHUS cotinus** (Sumach) (Purple Fringe, or Smoke Tree). A curious, large growing shrub, forming broad, round headed bushes.

18 to 24 in.....\$1.00 each, \$9.00 for 10  
2 to 3 ft.....\$1.50 each, \$13.00 for 10

**typhina** (Staghorn Sumach).

3 to 4 ft.....75c. each, \$6.50 for 10  
4 to 5 ft.....\$1.00 each, \$9.00 for 10

—**laciniata** (Fern leaved Staghorn Sumach).

2 to 3 ft.....60c. each, \$5.50 for 10  
3 to 4 ft.....75c. each, \$7.00 for 10

**ROBINIA hispida** (Rose Acacia). Drooping clusters of pea shaped rose colored flowers in May and June.

2 to 3 ft....\$1.00 each. 3 to 4 ft....\$1.50 each

**SAMBUCUS** (Elder). These are large, showy shrubs, ornamental in flower, fruit and foliage; of easy cultivation.

**canadensis** (Common Elder).

**nigra aurea.** Golden yellow foliage.

2 to 3 ft.....60c. each, \$5.50 for 10  
3 to 4 ft.....75c. each, \$7.00 for 10

**SPIRAEA Bumalda.** Very handsome; rose colored flowers. Dwarf.

18 in.....75c. each, \$6.50 for 10

**Anthony Waterer.** Grows dwarf. The brightest colored of all the Spiraeas.

1½ to 2 ft....75c. each. 2 to 3 ft....\$1.00 each

**opulifolia** (Ninebark). Of vigorous growth, with flat clusters of white flowers.

2 to 3 ft.....60c. each, \$5.50 for 10  
3 to 4 ft.....75c. each, \$6.50 for 10

**prunifolia fl. pl.** (Bridal Wreath). Small, double, white flowers, borne close to the branches.

2 to 3 ft....75c. each. 3 to 4 ft....\$1.00 each

**Thunbergii.** Pure white flowers.

2 to 2½ ft.....75c. each

**Van Houttei.** Pure white flowers. Tall.

2 to 3 ft....75c. each. 3 to 4 ft....\$1.00 each

**STEPHANANDRA flexuosa.** The leaves are finely and delicately cut. Flowers are creamy white.

2 to 3 ft....75c. each. 3 to 4 ft....\$1.00 each

**STYRAX japonica.** Leaves resemble those of the Dogwood; flowers pure white; bell-shaped.

2 to 3 ft....75c. each. 3 to 4 ft....\$1.00 each

**SYMPHORICARPOS racemosus** (Snowberry). Small pink flowers in Summer, followed by large, waxy white berries in Autumn.

2 to 3 ft....75c. each. 3 to 4 ft....\$1.00 each

**vulgaris** (Coral Berry). Vigorous and quick grower, covered with purple berries all Summer.

2 to 3 ft....60c. each. 3 to 4 ft....75c. each

**TAMARIX africana** (Tamarisk). Strong, growing shrubs, with feather foliage and small, delicate flowers.

2 to 3 ft....60c. each. 3 to 4 ft....\$1.00 each

**VIBURNUM.** A very popular shrub, known as the Snowball.

**dentatum.** Curious dentated leaves and greenish white flowers; pretty berries in Autumn.

2 to 3 ft.....75c. each, \$6.50 for 10  
3 to 4 ft.....\$1.00 each, \$9.00 for 10

**Lantana.** The large white flower clusters open in May and are followed by red fruits.

2 to 3 ft....75c. each. 3 to 4 ft....\$1.00 each

**Opulus** (High Cranberry). Very fine in flower, and berries are scarlet. Leaves are three-lobed and coarsely toothed.

3 to 4 ft.....75c. each, \$6.50 for 10  
4 to 5 ft.....\$1.00 each, \$9.00 for 10

**Opulus sterile** (Snowball). A variety of the above with globes of pure white flowers in May.

3 to 4 ft.....\$1.00  
4 to 5 ft.....\$1.50

**WEIGELA** (Diervilla). A valuable, bold, graceful shrub. Flowers trumpet-shaped, varying in color from pure white to dark red.

**amabilis.** Vigorous and attractive shrub, with light pink flowers.

2 to 3 ft....75c. each. 3 to 4 ft....\$1.00 each

**candida.** Flowers pure white; strong grower.

2 to 3 ft....75c. each. 3 to 4 ft....\$1.00 each

**Eva Rathke.** Rich reddish purple.

1½ to 2 ft....75c. each. 2 to 2½ ft....\$1.00 each

**rosea.** Handsome rose-colored flowers.

2 to 3 ft....75c. each. 3 to 4 ft....\$1.00 each

—**nana variegata.** Leaves variegated with white.

2 to 3 ft.....75c. each, \$6.50 for 10  
3 to 4 ft.....\$1.00 each

# Ornamental Evergreens and Conifers

**BOXWOOD (*Buxus*) *sempervirens*** (Common Tree Box). A large shrub with thick, leathery dark green leaves. Bears shearing well and can be shaped in any form desired.

**Bush Form.** In various sizes. \$2.00 to \$15.00 each  
**Pyramids.** In various sizes...\$7.00 to \$20.00 each

**BOXWOOD EDGING, Dwarf Box (*suffruticosa*).** The well-known Box used for edging, and invaluable for that purpose.

4 to 6 in.....\$25.00 per 100  
 6 to 8 in.....\$50.00 per 100

**JUNIPERUS (*Juniper*) *excelsa stricta*.** Foliage glaucous and arranged around the branches in threes, dense and prickly.

1 ft.....\$2.50 each    1½ ft.....\$3.00 each  
 2 ft.....\$4.00 each    2½ ft.....\$5.00 each

**hibernica** (Irish Juniper). A distinct and beautiful variety, of erect, dense, conical outline.  
 12 in.....\$1.50 each    18 in.....\$2.25 each

**pfitzeriana.** Very distinct, being of striking, graceful habit; the color bright silvery green; perfectly hardy.

18 to 24 in..\$3.50 each    2 to 2½ ft..\$5.00 each

**sabina** (Compact Savin Juniper). Low, trailing habit and fine for massing.

12 in.....\$2.00 each    18 in.....\$4.00 each

**virginiana** (Red Cedar). Of medium compact growth.

3 ft.....\$3.50 each    4 ft.....\$6.00 each  
 5 ft.....\$10.00 each    6 ft.....\$12.00 each

**—glauca** (Silvery Red Cedar).

2 ft.....\$4.00 each    3 ft.....\$7.00 each

**KALMIA latifolia** (Mountain Laurel, or Calico Bush).

1 to 1½ ft., nursery grown.....\$2.50 each

1½ to 2 ft., nursery grown.....\$5.00 each

2 to 3 ft., nursery grown.....\$6.00 each

Prices for carload lots of collected stock on application.

**PICEA excelsa** (Norway Spruce). Leaves dark green, very handsome; of pyramidal, lofty appearance.

1½ to 2 ft.....\$2.00 each    2 to 3 ft.....\$4.00 each

3 to 4 ft.....\$6.00 each

**pungens** (Colorado Spruce). Leaves bluish.

18 to 24 in..\$5.00 each    2 to 3 ft.....\$7.50 each

**PINUS austriaca** (Austrian Pine). A robust, stately tree of rapid growth and very hardy.

2 ft.....\$3.00 each    2½ ft.....\$4.00 each

**mughus** (Dwarf Mugho Pine).

12 to 18 in. diam.....\$3.50 each

1½ to 2 ft. diam.....\$5.00 each

**strobus** (White Pine). One of the best native Pines; pale light green foliage.

2 to 3 ft.....\$3.50 each    3 to 4 ft.....\$5.00 each

**sylvestris** (Scotch Pine). Of rapid growth, with strong branches and short, stiff, bluish-green foliage.

2 ft.....\$3.00 each    3 ft.....\$4.50 each

**RETINOSPORA filifera** (Japanese Cedar). Thread-branched, drooping branches, bright green; very pretty.

1½ ft.....\$3.50 each    2 ft.....\$5.00 each

**—aurea.** Golden; most attractive.

18 in., bushy shaped.....\$4.00 each

**obtus.** Graceful tree, foliage bright clear green.

2 ft.....\$4.00 each    3 ft.....\$7.00 each

**pisifera** (Sawara Cypress). Branches horizontal, with leaves feathery green above, whitish lines beneath.

1½ ft.....\$3.50 each    2 ft.....\$5.00 each

3 ft.....\$7.50 each

**—aurea.** Golden feathery foliage.

1½ ft.....\$3.50 each    2 ft.....\$5.00 each

**plumosa.** Graceful habit.

1½ ft.....\$3.00 each    2 ft.....\$4.00 each

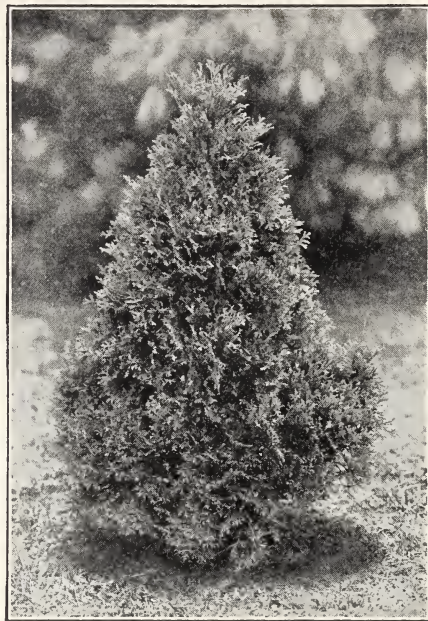
2½ ft.....\$5.00 each    3 ft.....\$7.00 each

**plumosa aurea.** Golden foliage.

1½ ft.....\$3.00 each    2 to 3 ft.....\$5.00 each

**—squarrosa veitchi.** Light bluish green foliage.

1½ ft.....\$3.00 each    2 ft.....\$5.00 each



*Thuja Occidentalis*

**RHODODENDRONS** (Hardy Hybrid Varieties).

Handsome grouping and border effects can be created by using these charming hybrids. We can supply them in red, white, pink, lavender and purple colors. All plants are well budded and will flower the first year. All perfectly hardy.

1 to 1½ ft..\$6.00 each    1½ to 2 ft..\$9.00 each

**maximum** (Great Laurel). Is admirably adapted to massing, will thrive in shady or exposed positions, and is perfectly hardy. Nursery grown.

2 to 2½ ft..\$5.00 each    2½ to 3 ft..\$7.00 each

3 to 4 ft.....\$9.00 each

Prices for carload lots of collected stock on application.

**TAXUS baccata repandens** (Yew). This is the hardest of all prostrate varieties and will grow in almost any position. It is excellent for hedging, grouping and covering banks.

1½ to 2 ft diam.....\$4.00 each

**cuspidata.** Spreading form.

12 to 18 in. high.....\$3.50 each

18 to 24 in. high.....\$5.00 each

2 to 2½ ft. high.....\$7.50 each

**—nana brevifolia.** Really an excellent Yew, with fine, spreading branches and rich deep green, short leaves. Highly recommended.

15 in.....\$3.50 each    1½ ft.....\$6.00 each

2 ft.....\$8.00 each

**THUJA pyramidalis** (Pyramidal Arborvitae). A most valuable, upright evergreen, of dense, compact habit. Foliage light green.

2½ ft.....\$4.00 each    3 to 4 ft.....\$7.00 each

4 to 5 ft.....\$10.00 each

**occidentalis** (Common American Arborvitae).

2 to 3 ft.....\$3.50 each    3 to 4 ft.....\$5.00 each

4 to 5 ft.....\$7.50 each

**wareana occidentalis sibirica** (Siberian Arborvitae). Large, bold, glaucous green foliage.

2 ft.....\$3.50 each    2½ ft.....\$5.00 each

**TSUGA canadensis** (Common Hemlock). One of the most handsome and graceful evergreens.

18 to 24 in..\$3.50 each    2 to 3 ft.....\$5.00 each

3 to 4 ft.....\$7.50 each

# Ornamental and Shade Trees

**ACER dasycarpum** (White or Silver-leaved Maple). Large sized tree, rapid grower.

8 to 10 ft., 1 1/4 in. diam. ....\$3.00 each  
10 to 12 ft., 1 1/2 in. diam. ....\$5.00 each  
12 to 13 ft., 1 3/4 in. diam. ....\$6.00 each

—**wieri laciniatum** (Wier's Cut-leaved Silver Maple). Very beautiful variety, with delicately cut leaves and graceful drooping branches.

8 to 10 ft., 1 1/4 in. diam. ....\$4.00 each  
10 to 11 ft., 1 1/2 in. diam. ....\$5.00 each  
11 to 12 ft., 1 3/4 in. diam. ....\$6.50 each

**platanoides** (Norway Maple). Vigorous growing tree, of spreading rounded form.

8 to 10 ft., 1 1/4 in. diam. ....\$6.00 each  
10 to 11 ft., 1 1/2 in. diam. ....\$7.00 each  
11 to 12 ft., 1 3/4 in. diam. ....\$9.00 each

**saccharinum** (Sugar, or Rock Maple). Of vigorous growth; more or less pyramidal form.

10 to 11 ft., 1 1/4 in. diam. ....\$5.00 each  
11 to 12 ft., 1 1/2 in. diam. ....\$6.00 each  
12 to 14 ft., 1 3/4 in. diam. ....\$10.00 each

**AESCULUS hippocastanum** (European White-Flowering Horse Chestnut). A compact, handsome tree. Foliage appears very early in Spring.

10 to 12 ft., 2 1/2 in. diam. ....\$8.00 each  
12 to 14 ft., 3 in. diam. ....\$10.00 each

**AILANTHUS glandulosa** (Tree of Heaven). Will grow under most adverse conditions.

8 to 10 ft. ....\$3.00 each

**BETULA alba laciniata** (Cut-leaved Weeping Birch). Silvery white bark, graceful drooping habit of growth.

4 to 6 ft. ....\$3.00 each. 6 to 8 ft. ....\$4.50 each

—**alba** (European White Birch). Known by its white bark.

4 to 6 ft. ....\$2.00 each. 8 to 10 ft. ....\$3.00 each

**papyrifera** (Paper, or Canoe Birch). Handsome tree; tall growing. Leaves large; bark silvery white.

6 to 8 ft. ....\$3.00 each. 8 to 10 ft. ....\$4.00 each

**CATALPA bungei**. A rapid growing tree, with a dense mass of large, heart-shaped light green leaves. Excellent for formal effects. Handsome, globe-headed standards.

Medium heads. ....\$3.00 each  
Large heads. ....\$4.00 each

**FAGUS americana** (American Beech).

2 to 3 ft. ....\$3.00 each. 3 to 4 ft. ....\$4.00 each

**FAGUS sylvatica** (European or English Beech).

2 to 3 ft. ....\$3.50 each

**sylvatica pendula** (Weeping Beech).

4 ft. ....\$6.00 each. 6 to 8 ft. ....\$10.00 each

**FRAXINUS americana** (White Ash). A splendid tall growing tree.

8 to 10 ft., 1 in. diam. ....\$3.00 each  
10 ft., 1 1/2 in. diam. ....\$4.00 each

**GINKGO biloba** (Salisbury adiantifolia) (Maidenhair Tree). A remarkable tree of spreading growth in age. Deep green, thick leaves, similar in shape to those of the Maidenhair fern. Rapid grower and very hardy.

6 to 8 ft. ....\$4.00 each. 8 to 10 ft. ....\$5.00 each

**KOELREUTERIA paniculata** (Varnish Tree). Also called the Golden Rain Tree.

3 to 4 ft. ....\$1.50 each. 4 to 6 ft. ....\$2.50 each  
6 to 8 ft. ....\$4.00 each

**LIQUIDAMBAR** (Sweet Gum Tree). A native tree of rapid growth, beautiful Fall color.

4 to 6 ft. ....\$2.50 each. 6 to 8 ft. ....\$4.50 each

**LIRIODENDRON tulipifera** (Tulip Tree). A noble looking pyramidal tree with clean trunk. Leaves are alternate and have long stalks.

6 to 8 ft. ....\$2.50 each. 8 to 10 ft. ....\$4.00 each  
10 to 12 ft. ....\$5.00 each

**MORUS pendula** (Teas' Weeping Mulberry). A beautiful, hardy, ornamental tree; forms a perfect umbrella-shaped head.

5 to 7 ft., 1-yr. heads. ....\$3.50 each  
5 to 7 ft., 2-yr. heads. ....\$5.00 each

**PLATANUS orientalis** (Oriental Plane). A superb tree of gigantic proportions, extensively used in Europe, for park, street and avenue planting.

8 to 10 ft., 1 1/4 in. diam. ....\$3.50 each  
10 to 11 ft., 1 1/2 in. diam. ....\$6.00 each  
11 to 12 ft., 1 3/4 in. diam. ....\$7.00 each

**POPULUS carolinensis**, syn. **monilifera** (Carolina Poplar). Rapid grower; very valuable for screening.

8 to 10 ft. ....\$1.50 each. 10 to 12 ft. ....\$2.25 each  
12 to 14 ft. ....\$3.00 each

**fastigiata**, or **dilatata** (Lombardy, or Italian Poplar). An ornamental and picturesque tree.

8 to 10 ft., 1 in. diam. ....\$2.00 each  
10 to 12 ft., 1 1/2 in. diam. ....\$2.25 each  
12 to 14 ft., 1 3/4 in. diam. ....\$3.50 each

**QUERCUS americana rubra** (American Red Oak). Beautiful tree of rapid growth.

8 to 10 ft., 1 1/2 in. diam. ....\$5.00 each  
10 to 12 ft., 2 in. diam. ....\$8.00 each

**palustris** (Pin Oak). A superb and very distinct tree, with graceful drooping branches.

8 ft., 1 1/4 in. diam. ....\$5.00 each  
8 to 10 ft., 1 1/2 in. diam. ....\$6.00 each  
10 to 12 ft., 2 in. diam. ....\$8.50 each

**SALIX babylonica** (Babylonian, or Weeping Willow). A well known and graceful variety.

6 to 8 ft. ....\$1.75 each. 8 to 10 ft. ....\$2.50 each  
10 to 12 ft. ....\$3.50 each

**caprea** (Pussy Willow).

3 to 4 ft. ....\$1.00 each. 4 to 6 ft. ....\$1.50 each

**elegantissima** (Thurlo's Weeping Willow). Long, spreading branches, beautifully drooping.

6 to 8 ft. ....\$1.50 each. 8 to 10 ft. ....\$2.00 each  
10 to 12 ft. ....\$3.00 each

**pentandra** (Laurel-leaved Willow). Broad glossy dark green leaves.

4 to 6 ft. ....\$1.00 each. 6 to 8 ft. ....\$1.50 each

**SORBUS aucuparia** (Mountain Ash). A fine tree, dense and regular; covered all Summer with great clusters of scarlet berries.

5 to 6 ft. ....\$2.50 each. 6 to 8 ft. ....\$3.50 each

**pendula** (Weeping Mountain Ash).

6 ft. stems, 3-yr. heads. ....\$5.00 each

**TILIA argentea** (White, or Silver Linden). Distinct ornamental shade tree.

8 to 10 ft., 1 1/2 in. diam. ....\$5.00 each  
10 to 12 ft., 1 3/4 in. diam. ....\$6.50 each  
12 to 14 ft., 2 in. diam. ....\$7.50 each

**platyphyllos** (Broad-leaved European Linden).

9 to 10 ft., 1 1/2 in. diam. ....\$7.00 each  
10 to 12 ft., 1 3/4 in. diam. ....\$10.00 each

**vulgaris** (European Linden).

6 to 8 ft., 1 in. diam. ....\$3.50 each  
8 to 10 ft., 1 1/4 in. diam. ....\$5.00 each

**ULMUS americana** (American White or Water Elm). Very tall growing and stately.

8 to 10 ft., 1 1/4 in. diam. ....\$4.00 each  
10 to 12 ft., 1 1/2 in. diam. ....\$6.00 each  
12 to 14 ft., 2 in. diam. ....\$8.00 each  
14 to 15 ft., 2 1/2 in. diam. ....\$11.00 each

# Marshall's Trained Fruit Trees

Specially Budded on "Dwarfing" Under Stocks

We issue a special folder on Trained Fruit Trees—Sent upon request

In our constant effort to offer "Everything good for every good garden," we have made arrangements with a specialist to grow trained fruit trees for us.

We issue a special folder on the training, pruning and care of these trained fruit trees. A copy will be mailed to anyone requesting same. Our list illustrates some of the types grown and also gives particulars of the varieties in which they may be obtained.

## APPLES

### BUDDED ON PARADISE

Baldwin	Fameuse	Northern Spy
Delicious	Gravenstein	Rhode Island Greening
Duchess of Oldenburg	McIntosh	Stayman's Winesap

## APRICOTS

### BUDDED ON PLUM

Golden Nugget	Early Golden
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## NECTARINES

### BUDDED ON PLUM

Boston	Lord Napier	Red Roman	Venus
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## PEACHES

### BUDDED ON MAHLEB PLUM

Chair's Choice	Crawford's Early	Hale's Early
Champion	Elberta	Yellow St. John

## PEARS

### BUDDED ON QUINCE

Anjou	Duchesse d'Angouleme	Kieffer
Bartlett	Flemish Beauty	Seckle
Clapp's Favorite		

## PLUMS

Abundance	Reine Claude
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## PRICES

	Each
SINGLE CORDON .....	\$ 3.50
U SHAPED, 5 Feet .....	7.00
U SHAPED, 6 to 8 Feet.....	9.00
DOUBLE U or PALMETTE VERRIER, 5 Feet.....	10.00
DOUBLE U or PALMETTE VERRIER, 6 to 8 Feet.....	12.00
SIX ARMED VERRIER.....	18.00
HORIZONTAL CORDON.....	7.00
HORIZONTAL CORDON, Single for Corners.....	6.00

We also have large FAN SHAPED TREES in several varieties at \$25.00 each.



Palmette Verrier



Double U-Shaped



Six Armed Verrier



Single Horizontal Cordon (for corners)



## FRUIT TREES

**Planting.**—Make the holes large enough to admit the roots without cramping or bending, and deep enough to set the trees to their natural depth. Fine surface soil should be used for covering the roots, and this should be carefully mixed among them. If the ground is dry, it is well to pour in some water when the hole is partially filled. See that the ground is firmly and solidly packed over all parts of the roots. Fill the holes full enough to be even with the surrounding surface after the fresh earth settles. Never use manure in contact with the roots.

### SUMMER VARIETIES

- \*Early Harvest. Medium, yellow.
- \*Red Astrachan. Small, red.
- \*Yellow Transparent. Large, yellow.

- \*Baldwin. Medium, red.
- Greening. Large, greenish.
- McIntosh. Large, red.

Prices on above standard trees, 1-in. diameter, \$2.00 each; 1½-in., \$3.00 each; 1½-in., \$4.00 each. Varieties marked with a star (\*) can be supplied in Dwarf trees at the above prices.

### APPLES

#### FALL VARIETIES

- Delicious. Yellow, striped red.
- Gravenstein. Large, yellow and red.
- Wealthy. Splendid red fruit.

#### WINTER VARIETIES

- \*Northern Spy. Medium crimson.
- \*Spitzenburg. Large, red.
- Winesap. Medium, red.

### PEARS

- \*Bartlett. Large, early.
- \*Beurre d'Anjou. Large greenish russet, late.
- Clapp's Favorite. Large, August.
- Duchess. Large, late.

- Flemish Beauty. Large, Sept.
- Kieffer. Large, prolific. Oct.
- Seckel. Small, Oct.
- Sheldon. Good size. Oct.

Prices on above standard trees, 1-in. diameter, \$2.00 each; 1½-in., \$3.00 each. Varieties marked with a star (\*) can be supplied in Dwarf trees at the above prices.

### CHERRIES

- Black Tartarian. Sweet, late June.
- May Duke. Dark red, sour. June.

- Montmorency. Red, sour. June.
- Napoleon. Yellow, sweet. July.

Prices, 1-in. diameter, \$2.00 each; 1½-in. diameter, \$3.00 each.

### PEACHES

- Belle of Georgia. White Freestone. July.
- Champion. White Freestone. Aug.
- Stump of the World. White Freestone. Sept.
- Mountain Rose. White Freestone. Aug.

- Early Crawford. Yellow Freestone. Aug.
- Late Crawford. Yellow Freestone. Aug.
- Elberta. Yellow Freestone. Aug.
- Carmen. White Freestone. Aug.

Prices of above, ½-in. diameter, 75c. each; ¾-in. diameter, \$1.00 each.

### PLUMS

- Abundance. Large, red. August.
- Bradshaw. Large, dark red. August.
- Burbank. Crimson-purple. August.

- Coe's Golden Drop. Large, yellow, late.
- Lombard. Medium, violet. Sept.

Prices of above, 1½-in. diameter, \$2.00 each; 1½-in. diameter, \$3.00 each.

### QUINCES

- Champion. Yellow. November.

- Orange. Golden. November.

Prices of above, ½-in. diameter, \$1.50 each; ¾-in. diameter, \$2.00 each.

# SMALL FRUITS

## BLACKBERRIES

**Eldorado.** Early variety. Fruits jet-black; pleasant, melting flavor, sweet and rich. The vine is very hardy.

**Mersean.** Large; glossy black; sweet and juicy; excellent when fully ripe.  
Strong plants, \$1.50 for 10, \$10.00 per 100.

## CURRANTS

**Fay's Prolific.** A popular red Currant; very large and sweet. Productive.

**Perfection.** Bush vigorous, hardy and very productive; berries larger than Cherry, with large clusters; color bright red.

**White Grape.** An excellent white variety; of large size; very sweet.  
Strong, 2-year-old bushes, \$4.00 for 10, \$35.00 for 100.

## GOOSEBERRIES

**Josselyn.** Large red fruit.

**Smith's Improved.** Fruit greenish yellow.

**Triumph.** Fruit golden yellow.  
2-year-old bushes, \$4.00 for 10, \$35.00 per 100.

## GRAPES

### BLUE AND BLACK VARIETIES

**Concord.** Fine black variety; splendid flavor; reliable and productive; one of the most popular.

**Hubbard.** Black, sweet and delicious. Berries and bunch large. 2-year-old, 75c. each, 10 for \$6.00.

**Moore's Early.** Bunch medium; berry very large, with heavy blue bloom; good quality.

### RED VARIETIES

**Brighton.** Flesh rich, sweet and of the best quality; ripens early, with the Delaware. Very productive.

**Caco.** Large, wine red in color, bunches good size and extra good quality. 2 year, \$1.00 each, \$8.00 for 10.

**Catawba.** A late ripening red variety of excellent flavor.

### WHITE VARIETIES

**Champagne.** Very large amber berry. Fine for dessert or making wine. Each, 2-year-old, 75c.

**Niagara.** Bunch medium to large; berry large, roundish, uniform; skin thin, with a whitish bloom; flesh slightly pulpy; tender and sweet.

**Portland.** A good white for home or market use. Each 75c., 10 for \$6.00.  
Extra strong, 2-year-old canes, 50c. each, \$4.50 for 10, \$40.00 per 100. Except where noted.

## RASPBERRIES

**Chief.** A new red Raspberry from the West which ripens 10 days earlier than The Latham. 25 for \$6.00; 100, \$20.00.

**Cuthbert.** Deep, rich crimson.

**Golden Queen.** Large, amber-color, firm; fine quality. Remarkably productive. 25 for \$3.50; 100, \$12.00.

**June.** The earliest variety, vigorous grower, hardy, fruits large and bright red in color.

**Herbert.** Very large berry and a heavy cropper. It has a distinctly rich flavor and is all meat.

**St. Regis** (Perpetual). Bright crimson; large berries all through Summer and Fall.

**The Latham.** Without doubt the best red Raspberry to plant today. Berries large in size and a rich red color, maturing very early. Canes hardy in northern latitudes. 25 for \$4.50, 15.00 per 100.

### BLACK VARIETIES

**Kansas.** Very large; ripens early; very sweet and of fine flavor. Pulpy, few seeds.

**Plum Farmer.** Very large, glossy berries; firm, juicy, and sweet. Heavy cropper.  
\$1.25 for 10, \$8.00 per 100.  
Strong plants, 25 for \$3.00, \$10.00 per 100. Except where noted.

## STRAWBERRY PLANTS

For full description see our Fall Catalog

**Brandywine, Campbell's Early, Gandy, Glen Mary, Joe, Marshall, New York, Nick Ohmer, Premier, Success.**

Layer plants of above, 60c. for 25, \$2.00 per 100.

**Chesapeake, Early Jersey Giant, Lupton, Howard, No. 17, John H. Cook, William Belt.**

Layer plants 75c. for 25, \$2.50 per 100.

**Bushel Basket, Edmund Wilson, St. Martin, Pearl.**

Layer plants, \$1.25 for 25, \$4.00 per 100.

## Everbearing Strawberries

If planted in Spring, a good crop of fruit will be picked in Fall.

**Champion.** A prolific variety that bears two large crops a year. \$1.00 for 25, \$3.00 per 100.

**Mastadon.** "The Wonderberry." A heavy yielding everbearing strawberry of extraordinary size and delicious quality. \$1.00 for 25, \$3.50 per 100, \$30.00 per 1000.

**Progressive.** \$1.00 for 25, \$3.00 per 100.

## Pot Grown Strawberries

We can supply Pot Grown Plants for delivery in July, August and September. These plants will give a good crop of berries the following year. A list of varieties and prices will be found in our Fall Catalog. Copy sent on request. **Pot grown plants are shipped by express only.**

# Deciduous Hedge Plants

**BERBERIS Thunbergii** (Japanese Barberry). 9 to 12 in., 2 year old, 25 for \$5.00, 100 for \$18.00; 12 to 18 in., 3 year heavy, 25 for \$11.00, 100 for \$40.00; 18 to 24 in., 2 year old, 25 for \$11.00, 100 for \$40.00; 18 to 24 in., 3 year heavy, 25 for \$16.00, 100 for \$60.00.

**LIGUSTRUM Itoya** (New Japanese Privet). Large, glossy, distinct foliage. 1½ to 2 ft., bushy, 25 for \$5.50, 100 for \$20.00; 2 to 3 ft., bushy, 25 for \$7.00, 100 for \$25.00; 3 to 4 ft., bushy, 25 for \$10.0, 100 for \$35.00.

**ovalifolium** (California Privet). Large, glossy, dark green foliage; one of the most popular hedge plants. Rugged and enduring in almost any situation; retains its foliage until late in Winter. 1½ to 2 ft., bushy, 25 for \$2.50, 100 for \$8.00; 2 to 3 ft., bushy, 25 for \$3.50, 100 for \$12.00; 3 to 4 ft., bushy, 25 for \$4.00, 100 for \$15.00.

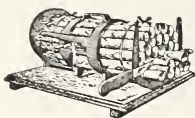
**amurensis** (Amoor River Privet). Large, oblong, glossy green foliage and clusters of white, fragrant flowers; half evergreen. A variety of sterling merit; useful for hedges. 2 to 3 ft., 25 for \$7.00, 100 for \$25.00; 3 to 4 ft., 25 for \$11.00, 100 for \$40.00.

# Horticultural Tools and Requisites

**APRONS, Gardener's Waterproof**, with bib; 34 in. long, 26 in. wide. Each \$1.50.  
**Gardener's**, Blue drill with bib. Each \$1.00.  
**Gardener's Rubber**, Extra heavy. Each \$3.00.  
**English Blue Serge**, Each \$3.50.  
**English Blue Serge**, With bib and pocket. Each \$4.00.

## ASPARAGUS BUNCHER.

Useful on all private estates. It will not bruise the grass, is easily and quickly adjusted to any length. Double band springs and knife guard. Each \$4.50.



**ASPARAGUS KNIVES, American**. Can also be used as a weeder. Each 50c.

**AXES, Felling**, With handle, 3 lbs. \$2.75, 4 lbs. \$3.00, 5 lbs. \$3.50.

**BASKETS, Garden and Farm**. See Page 120.  
**Hanging, Wire**, Painted, 8 in. 35c., 10 in. 40c., 12 in. 50c., 15 in. 60c., 18 in. \$1.00, 21 in. \$1.35 each.

## BELLOWS, Powder.

**Small, Single Cone**. Each \$3.00



**Large, Single Cone**. Each \$5.00.



**Double Cone**. Each \$6.50.

See also Pages 96 and 114.

**BIRD HOUSES (Rustic)**. See Page 110.

**BLAKE'S LEVER CLIPS**. For fastening Rose wires. Per box of 500, \$1.75.



**BULL DOG CLIPS**. Useful for fastening paper to pot plants, etc. Box of 1000 \$1.00.

**BOXES, Corrugated**. Extra strong for shipping cut flowers.

Length	Width	Depth	Doz.	100
24 in.	8 in.	4 in.	\$3.00	\$20.00
28 in.	8 in.	5 in.	3.50	25.00
30 in.	12 in.	6 in.	4.00	30.00
36 in.	12 in.	8 in.	6.00	45.00
48 in.	14 in.	8 in.	7.00	55.00

Extra staples, 25c. per 100.

**BOXES, Folding**. For cut flowers. Made of strong cardboard.

No.	2	18 in.	5 in.	3 in. deep.	Doz.	100
No. 2	18 in.	5 in.	3 in. deep.	\$0.75	\$4.00	
No. 5	21 in.	7 in.	3 1/2 in. deep.	1.00	6.00	
No. 8	24 in.	8 in.	4 in. deep.	1.50	8.00	
No. 11	28 in.	8 in.	5 in. deep.	2.00	12.00	
No. 19	36 in.	8 in.	5 in. deep.	2.50	15.00	

**BOXES, Flower, Fiber or Leatheroid**. Used for shipping cut flowers or fresh vegetables by express. Lock and keys with each case.

Each	Doz.	100
30 in. x 14 in. x 16 in. with 3 wicker trays..	\$45.00	
34 in. x 15 in. x 16 in. with 3 wicker trays..	47.50	
38 in. x 16 in. x 16 in. with 3 wicker trays..	50.00	

**BROOMS, Birch**. For lawns. Each 75c.

**Barn or Floor**. Corn with rattan center. Each \$1.60.

**Kongo**. Coir bass. Made with coir fiber. Illustrated Page 105. Each \$2.00.

**Rattan**. Similar to birch broom. Useful for lawns. Each \$1.00.

**Tennis Court**. Made with fiber, 36 in. long, for dragging dirt courts. Each \$7.00.

**BRUSHES, Flower Pot, Cone-Shaped**. Made of bristle, wood handle. Each \$1.75.

**BRUSH HOOKS**. With handle. Each \$3.00.

**BURLAP**. For Winter covering. 36 in. wide, 25c. yd.; 42 in. wide, 28c. yd.; 48 in., 30c. yd. Price subject to market change.

## CANES, Bamboo.

	Doz.	100	1000
Green, 1 ft.	\$0.10	\$0.30	\$2.00
Green, 1 1/2 ft.	.10	.40	3.00
Green, 2 ft.	.10	.50	3.50
Green, 2 1/2 ft., Japanese	.10	.60	4.00
Green, 3 ft., Japanese	.10	.65	4.50
Green, 4 ft., Japanese	.15	.75	6.00
Green, 5 ft., Japanese	.20	1.25	10.00
Green, 6 ft., Japanese	.20	1.50	13.00
Natural, 6 ft., Japanese	.20	1.50	12.00
Japanese, heavy, 8 ft.	.40	2.50	20.00
Japanese, heavy, 10 ft.	.50	3.50	30.00

## CANES, Chinese Bamboo.

	100	
4 ft. long, 1/4 in. diam.	\$1.50	
4 ft. long, 1/2 in. diam.	2.50	
6 ft. long, 1/2 in. diam.	5.00	
8 ft. long, 1/2 in. diam.	6.00	
9 ft. long, 3/4 to 7/8 in. diam.	10.00	
6 ft. long, 1 1/2 in. diam. for Dahlias;		

Doz. \$4.50 35.00  
 Chinese Bamboo Canes can be supplied dyed green at a small additional cost.

## CARNATION BANDS, Rubber.

30c. per oz.

## CARNATION STAPLES. For split Carnations.

1000 50c.

**Cokely's Staples**. \$1.00 per 1000.

**Cokely's Pliers** for the above. Each \$3.00.

## CARNATION SUPPORTS.

	Doz.	100
"Model Extension." Made with strong galvanized wire. Neat and durable.		
Wire, 2 ring.	\$1.25	\$7.50
Wire, 3 ring.	1.25	8.50

**CARTS, "Handy" Garden**. See Page 101.

## CELERY BLEACHERS. 7 x 14 in.

Doz. 70c., 100 \$5.00.

**Celery Handler** for above. Metal, Each \$1.50. Brass \$2.50.

**CELERY BLEACHING PAPER**. Flexible, odorless and waterproof, in rolls of 100 ft. 12 in. wide. Per roll, including 25 42-in. wire arches, \$5.00. Roll holders, each \$1.50.

**CEL-O-GLASS**. A high-grade substitute for glass. Adapted for cold-frames, hotbeds, sash, etc. Made with wire mesh cloth, transparent and indestructible. In rolls 36 in. wide and any length desired. Per sq. ft. 20c. In rolls of 300 sq. ft., 15c. per ft.



**COTTON BATTING**. Large sheets, 40x40 in. Doz. sheets \$1.00.

**CORK BARK**. For rustic work. Lb. 40c.

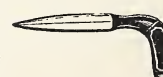
**CORN PLANTERS**. The "Wizard Automatic" is a light, but strong and efficient hand planter. Each \$3.00

**CULTIVATORS**. (See Pages 104 and 105.)

**CUT WORM BANDS**. Made with cardboard to place around the young plant.

100 30c., 1000 \$2.50

**DIBBLES**. Iron point, with wood handle, for transplanting. Small, 65c.; large, 75c.



**DIRT BANDS, Harris Square Locked**. Used for transplanting seedling plants. (See Page 110.)

No.	1 1/4 B, size 1 1/4 x 1 1/4, depth 2 1/2 in.	100	1000
No. 1 1/4 B, size 1 1/4 x 1 1/4, depth 2 1/2 in.	\$0.50	\$3.50	
No. 2 B, size 2x2, depth 2 1/2 in.	.60	4.00	
No. 3 B, size 3x3, depth 3 in.	.70	5.00	
No. 4 B, size 4x4, depth 3 in.	.75	5.50	

**DUST GUNS**. (See Pages 96 and 114.)

**FIBER**. Peat in bales. Each \$1.50 and \$4.50.

**FLATS, Greenhouse**. Made with wood. 3 in. deep, 12 in. wide, 20 in. long. Doz. \$3.50, 100 \$25.00.

**FLORISTS GUM**. An English liquid gum used for cut flowers. Bottle 30c.

## HORTICULTURAL TOOLS AND REQUISITES—Continued

## FLOWER POTS, "NEPONSET."

Made of waterproof paper and are light, clean and unbreakable.

	Doz.	100	1000
2 1/4 in.....	\$0.10	\$0.60	\$5.50
2 1/2 in.....	.10	.70	6.00
3 in.....	.15	1.00	8.00
3 1/2 in.....	.15	1.20	11.00
4 in.....	.25	1.60	14.00
5 in.....	.40	2.20	20.00
6 in.....	.60	3.00	26.00



## FLOWER POT SAUCERS, Earthenware.

We pack carefully but are not responsible for breakage in transit. All earthenware pots are shipped by freight only.

## Inside Measurements

Size	Each	Doz.	100	1000
2 in....	\$0.02	\$0.20	\$1.30	\$12.00
2 1/4 in....	.02	.25	1.60	15.00
2 1/2 in....	.03	.30	2.00	17.00
3 in....	.04	.40	2.50	22.00
4 in....	.06	.60	4.00	35.00
5 in....	.08	.80	6.50	60.00
6 in....	.12	1.25	10.00	95.00
7 in....	.25	2.50	16.00	....
8 in....	.35	3.50	24.00	....
9 in....	.50	5.00	40.00	....
10 in....	.80	7.00	50.00	....
12 in....	1.20	13.00	100.00	....



## AZALEA POTS, Earthenware.

Wide	Deep	Each	Doz.	100
6 in.	4 1/2 in.....	\$0.15	\$1.30	\$10.00
7 in.	5 in.....	.25	2.50	15.00
8 in.	6 in.....	.30	3.00	22.00
9 in.	7 in.....	.50	5.00	40.00
10 in.	8 in.....	.70	7.00	50.00

## ROUND BULB or LILY PANS.

Wide	Deep	Each	Doz.	100
6 in.	3 3/4 in.....	\$0.15	\$1.50	\$10.00
7 in.	4 1/4 in.....	.25	2.50	15.00
8 in.	4 in.....	.30	3.00	22.00
9 in.	4 1/4 in.....	.50	5.00	40.00
10 in.	4 1/2 in.....	.60	6.00	45.00
12 in.	4 3/4 in.....	1.00	10.00	80.00

**FLOWER POTS, "Loamat."** Useful for seedlings, Dahlia cuttings, etc. 2 in. 100 \$2.00, 1000 \$16.00; 3 in. 100 \$2.25, 1000 \$20.00.

## FLOWER POT SAUCERS, Earthenware.

Size	Each	Doz.	Size	Each	Doz.
4 in.....	\$0.04	\$0.40	8 in.....	\$0.12	\$1.10
5 in.....	.05	.50	9 in.....	.14	1.40
6 in.....	.06	.70	10 in.....	.17	1.70
7 in.....	.10	.90	12 in.....	.28	2.70

## FLOWER POT SAUCERS, Fibre.

Fine quality; Mahogany finish.

Size Outside	Depth	Each	Doz.
5 in.....	1/2 in.....	\$0.25	\$2.50
6 in.....	1 1/4 in.....	.45	4.80
7 in.....	1 1/4 in.....	.55	5.40
8 1/2 in.....	1 1/4 in.....	.60	5.80
10 in.....	1 1/4 in.....	.65	6.60
11 1/4 in.....	1 1/4 in.....	.90	9.00
14 in.....	1 1/4 in.....	1.35	13.80
16 in.....	1 1/4 in.....	1.65	16.80
17 1/2 in.....	1 1/4 in.....	1.90	19.20

**FLOWER VASES, Fiber and Metal.** (See Pages 99 and 100.)



## FORKS.

**Transplanting, Johnson's.** 3 tine, length over all 11 in. Each 60c.

**Transplanting.** English make. A very superior, high grade tool.

Short handle..... .85 Long handle.....1.25

## FORKS—Continued.

<b>Digging or Spading, "Keen-Kutter."</b>	Each
4-tine, long or short handle.....	\$2.25
English, 4 square tine, short handle....	3.50
<b>Best Steel</b> 4-tine, long or short handle....	2.00
<b>Manure.</b> 4-tine, short handle.....	2.50
5-tine, short handle.....	3.00
4-tine, long handle.....	2.50

## FROST PROOF PLANT PROTECTORS.

(Page 105.)

**FRUIT PICKERS.** Galvanized wire, "Perfect." Each 60c.

**Bamboo Extension Poles** for above, 12 ft., in three sections. Each \$1.00.

## FUMIGATOR, SULPHUR, Campbell's Patent.

Designed to vaporize sulphur in greenhouses without danger of the sulphur taking fire or disfiguring the foliage.

No. 1, for houses up to 5,000 cu. ft...Each \$7.50

No. 2, for houses up to 10,000 cu. ft...Each 10.50

Glass Balls for above. Each 10c.

Yellow powder for above. Per can 25c.

Metal containers for above. Each \$4.00.

**FUMIGATOR, X. L.** Lamp and stand, \$2.00. Glass lamps, separate, each 60c. Extra wicks, each 10c.

**GARDEN LINES.** Finest braided hemp. 100 ft. \$1.75, 200 ft. \$3.50.

**GARDEN PENCILS.** Indelible black. Each 15c.

**GARDEN REELS** for Garden Lines, wrought iron. Small \$1.75; large \$3.00.

## GLASS

## CUTTERS.



"Red Devil." No. 023, 25c.

Diamond. High quality finish. Each \$7.50

**GLASS FOR GLAZING SASH.** Box of 50 sq. ft. Market price.

**GLASSES, Magnifying.** Each \$1.00.

**GLASS CLOTH.** For using on hotbeds or sash in place of glass. 36 in. wide, 1 to 10 yards, 45c. per yard; 11 to 25 yards, 40c. per yard; 25 to 50 yards, 38c. per yard; 50 to 100 yards, 35c. per yard.

**GLAZING POINTS, "Peerless."** 1000 80c.

**GLAZING POINT PLIERS** for the above. Each 90c.

**GLAZING POINTS, Zinc.** 5/8 in. or 3/4 in. Box 60c.

## GLOVES, GARDENER'S.

**Eezy Wear.** A soft, pliable, all leather glove. Useful for garden work. Dirt-proof and durable. Two sizes. Pair 75c.

**Hog Skin.** With or without gauntlets. Pair \$1.75.

**Horsehide.** Best quality. Pair \$1.50.

**Ladies' Horsehide.** Size 7 and 7 1/2. Pair \$1.25.



**GRAFTING WAX.** For grafting cuts and bruises on trees. 1/4 lb. 25c., 1/2 lb. 40c., 1 lb. 60c.

**GRAPE BAGS, Paper.** Made with patent metal clasp. 100 75c., 1000 \$6.00. With string, 100 \$1.50, 1000 \$12.00.

## GRASS EDGING KNIVES.

See Knives. (Page 94.)

## GRASS HOOKS

or SICKLES.

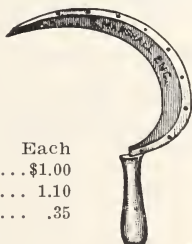
Best English welded back Each

No. 2, medium.....\$1.00

No. 3, large.....1.10

American, large size......35

**GRASS SHEARS.** See Shears.



## HORTICULTURAL TOOLS AND REQUISITES—Continued

GRINDSTONES. (See Implement Catalogue.)

HAMMERS, GARDEN. With claw. Each \$2.00.

HAMPERS, Willow. For shipping vegetables.

Furnished with rod, lock and two keys.

Size 24 x 14 x 14 in. .... \$15.00

Galvanized metal lined. .... 23.00

Size 26 x 15 x 15 in. .... 16.50

Galvanized metal lined. .... 26.00

Size 28 x 16 x 16 in. .... 17.00

Galvanized metal lined. .... 28.00

HARROWS. (See Page 109.)

HATCHETS. With claw. Each \$2.00.

HEDGE TRIMMER. (See Page 103.)

HOES, DRAW. With handles. 5 in. \$1.00, 6 in.

\$1.10, 7 in. \$1.20, 8 in. \$1.30.

HOES, SCUFFLE, or DUTCH. English make  
Handles, 40c. extra.

4 in. ... \$1.00 | 8 in. ... \$1.40

5 in. ... 1.10 | 9 in. ... 1.50

6 in. ... 1.20 | 10 in. ... 1.60

7 in. ... 1.30 | 12 in. ... 1.75



HOES, American Scuffle. 7 in. with handles, \$1.35.

HOES, WARREN. Heart-shaped, 7½ in., \$2.00.

HORSE BOOTS. For lawns; made of heavy  
leather. Medium size, set of four, \$18.00;  
large size, \$20.00.

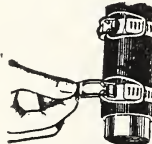
Baker's Metal. (See Page 109.) \$10.00.

HOSE BANDS. Made of brass wire. For putting  
on couplings. Doz. 35c.

HOSE PLIERS for the above. Each 50c.

HOSE CLAMPS.

Bolt Pattern. Doz. 60c.

Snap-tite. Easily put on.  
½ in. or ¾ in. size. Each 15c.,  
doz. \$1.50.HOSE COUPLINGS. Brass for ½ in. or ¾ in.  
hose. Each 20c.

Climber Style. ½ in. or ¾ in. Each 30c.

Rain King. Quickly snaps on without turning.  
Each 60c.HOSE CONNECTION. Gooseneck for connecting  
hose to faucet. Each \$1.00.HOSE CONNECTION. Siamese. For connecting  
two leads of hose. Each \$1.25.HOSE HOLDER. Gem. For holding hose when  
watering. Each 30c.HOSE HYDRANT ATTACHMENT. Used for con-  
necting hose to smooth faucets. Brass, each  
35c.

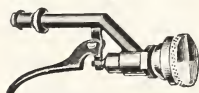
HOSE MENDERS. Each Doz.

"Cooper's." (See cut.) Brass, ½ in. or

¾ in. .... \$0.15 \$1.50

"The Perfect Clinching." ½ in. or ¾ in. .20 2.00

HOSE NOZZLES.

"Aquamatic." For sprin-  
kling gardens, washing  
automobiles, etc. Wastes  
no water. Spray or  
stream. Each \$2.00. Noz-  
zles only, each 40c.

Fan Shower. Brass. Face 4¾ in. Each 65c.

"Gem," or "Graduating."  
¾ in. hose. Can be  
regulated to give three  
different streams.  
Each 60c.

HOSE NOZZLES—Continued.

Hose Rose. Made with brass for ¾ in. hose.  
3-in. face \$1.50, 4-in. face \$1.75.Magic Spray Pipe. A spray, stream or shutoff  
combined. All brass. Each \$1.00.Rain King. "Little Wonder." Coarse or fine  
spray with only a slight turn of nozzle. Each  
85c.Stott's. A favorite among Rose growers. Sin-  
gle spray, each \$1.75, double spray \$3.00."The Boss." Stream or spray, with shutoff.  
Each \$1.10."Water Gun." A combined hose nozzle and  
lawn sprinkler. Makes a solid stream or  
spray. Each \$1.50.

HOSE, RUBBER.

Per foot

"Marshall." ½ in., braided. .... \$0.17

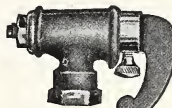
"Marshall." ¾ in., braided. .... .18

"Electric." ½ in. .... .18

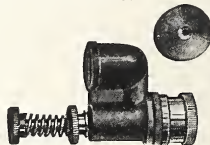
"Electric." ¾ in. .... .20

Special Spray Pump Hose. ½ in. .... .30

HOSE NOZZLES FOR SPRAY PUMPS.



Bordeaux



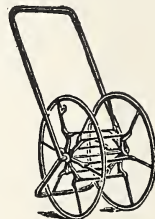
Vermorel

"Bordeaux." Adjustable. Each \$1.25.

"Vermorel." A fine spray. Each \$1.15.

Kant Clog Nozzle. Each \$1.10.

Mystry, Jr. A fine spray. Each \$1.25.

HOSE REELS. Made with tu-  
bular iron; strong and  
durable.No. 10. For 100 ft., ¾ in. hose.  
Each \$6.00.No. 20. For 150 ft., ¾ in. hose.  
Each \$6.75.No. 31. For 500 ft., ¾ in. hose.  
Each \$18.00.HOSE REEL, Victor. All metal  
steel frame, 9-in. corrugated  
steel drum. For 100 feet of  
hose. Each \$3.50.HOSE REEL, "Easy." Holds 375 ft. ¾ in. hose.  
All metal. Each \$3.00.

HOSE WASHERS. ¾ in. in. Doz. 10c., 100 50c.

HURDLES. Portable wooden. (See Page 119.)

HYACINTH STAKES. Dyed green.

12 in. long. .... 100 35c., 1000 \$3.00

18 in. long. .... 100 40c., 1000 \$3.50

INK. Indelible for Zinc Labels. Bottle 30c.

KEEP OFF THE GRASS. Enameled metal sign.  
Each 50c.

KNEE PADS. Made with rubber. Pair \$2.00.

KNEELING PADS. Made with sponge rubber.  
Size 15x7 in. Each \$1.00.KNIVES, ASPARAGUS, American.  
Each 50c.

KNIVES, EDGING.

English. Best steel, handles 50c.  
extra; 8 in. \$2.25; 9 in. \$2.50.American. With handles. Each  
\$1.50.

## HORTICULTURAL TOOLS AND REQUISITES—Continued

## KNIVES, BUDDING.

- American.** No. 2944W. 2 blades with hanging ring.....\$1.50  
**American.** No. 40064. Two blades brass lined ..... 2.00  
**American.** No. R1568. Florists, sharp point, cocobolo round handle 4 in. long..... 1.25



- English, I. X. L.** 7956B. Ivory handle, brass lined, sharp point..... 5.00  
**English, I. X. L.** 7956B.S. Ivory handle, brass lined, round point..... 5.00  
**English I. X. L.** 7954. Two blades..... 4.00  
**German, Henckels.** No. 727W. Two blades. 2.00

## KNIVES, PRUNING.

- American.** No. R708. Coco handle, medium size ..... 1.50  
**American.** No. R3853. Stag handle, 2 blades. 2.00  
**American.** No. R1608. Blade 2½ in. Cocobola handle, 4 in. long..... 1.25  
**American, Allen's Metal Handle,** 3 in. blade. 1.00  
**American, Keen Kutter,** large size, wood handle, curved blade..... 1.50  
**English.** No. 796A. Stag handle, small size, one blade. Each \$3.00.  
**English.** No. 928. Stag handle, large size, one blade. Each \$3.25.  
**English. I. X. L.** No. 7689. Stag handle, one blade ..... 2.50  
**English. I. X. L.** No. 7703. Stag handle, one blade ..... 4.00  
**German (Henckels).** No. 769. Stag handle. 2.00



No. 796A



No. 928

## LABELS, POT AND GARDEN, Wooden.

Painted	100	1000	Painted	100	1000
4 x ½ in...	\$0.30	\$2.25	6 x ½ in...	\$0.50	\$3.00
4½ x ½ in...	.35	2.50	8 x ¾ in...	1.00	8.50
5 x ½ in...	.40	2.75	10 x ¾ in...	1.25	10.00
			12 x 1½ in...	1.50	13.00

**Wood, Copper Wired.** 3½ in. Painted. 100 50c. 1000 \$3.00.

**Clear View.** Iron stake 26 inches long with card holder 3½ x ¾ in. Very durable and easily read. Doz. \$2.50, 100 18.50.

**Celluloid Hanging.** With copper wires, 3½ in. long by 1½ in. wide. Doz. 20c., 100 \$1.00. 3½ in. long, 1½ in. wide. Doz. 75c., 100 \$5.00.

**Celluloid Pot.** No. 22. 5 in. long, ¾ in. wide. Doz. 50c., 100 \$3.00; No. 23, 6 in. long by 1 in. wide, doz. 60c., 100 \$4.50.

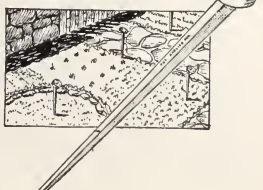
**"Indestructo."** A superior, ever-lasting label made of copper metal. The name desired is permanently written with a metal stylus supplied in each box.

No. 1.	100
¾ x 3¾ in.	\$2.00
No. 2.	
1½ x 5 in.	2.60



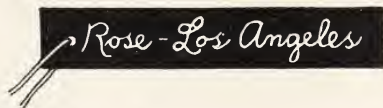
## Magno Garden.

This label derives its name from the fact that its glass top enlarges the lettering on the card name, making it easy to read at a distance. It is 12½ inches long, rustproof, waterproof, sturdy and durable. Doz. \$3.00, 100 \$20.00.



## LABELS—Continued.

**Seerite.** A round glass label holder, with 4½ in. wooden peg to go in ground. Box of 8 for \$1.00.



**Simplex Green Waterproof.** No. 31. Hanging size 3x½ in. 100 \$2.50.



**Simplex Green Waterproof.** No. 51. Pots or rockeries. Size 4x½ in. 100 \$3.00.

**LABELS, The Simplex.** Waterproof. Doz. 100  
 No. 1. 3x½ in.....\$0.55 \$3.00  
 No. 2. 4x¾ in..... .75 5.00  
 No. 3. 5x1 in..... 1.00 7.00

**Simplex Garden.** No. 10. With iron stake 24 in. long and metal ticket holder. Doz. \$3.00, 100 \$25.00. Extra Cards, 100 \$3.00.

**Simplex Weatherproof Ink.** For Celluloid Labels. ½ oz. bottle \$1.25.

**Tree or Garden. Zinc.** Per 100:

No. 1...\$3.00	No. 5...\$3.50	No. 13...\$1.50
No. 2... 3.00	No. 6... 1.50	No. 15... 2.00
No. 4... 3.00	No. 7... 1.50	No. 21... 2.00

Ask for shapes and Sizes.

**INDELIBLE INK.** For above. Bottle 30c.

**LAWN CLEANERS.** (See Page 101.)

**LAWN EDGERS.** (See Pages 94 and 104.)

**LAWN ROLLERS.** (See Page 109.)

**LAWN SPRINKLERS.** (See Pages 116, 117.)

**LAWN RAKES.** (See Rakes.)

**LAWN MOWERS.** (See Pages 106 to 108.)

**LAWN MOWER SHARPENING COMPOUND.**

Per can, 60c.

**LAWN MOWER SHARPENER, "Bergman."**

Each \$1.00.

**LAWN SWEEPERS.** (See Page 101.)

**LEAF-MOULD.** 1 barrel bag, \$2.00.

**LIGHTNING WIRE TIE CLIP.** For fastening plants to wooden stakes. 100 35c., 1000 \$2.50.

**LINES.** (See Garden Lines.)

**MASTICA.** For reglazing greenhouses. Qt. 90c., gal. \$3.00.

**MASTICA GLAZING MACHINE.** Each \$3.50.

## MATTOCKS.

**"Oak Leaf."**

Hoe, 4¼ in.

Cutter, 3 in.

Each \$1.50.

Handles, 50c.



**MATS, FROST-PROOF, Burlap.** These mats are

76x76 in. square and made of strong burlap filled with cotton. Each \$3.50, doz. \$40.00. Size 40x76 in., each \$2.75, doz. \$25.00.



**MATS, Hotbed.** Waterproof one side, burlap on other. 40x76 in., each \$3.00, doz. \$30.00; 76x76 in., each \$5.00, doz. \$55.00.

**MATS, Milo Waterproof.** Made from heavy burlap, felt and absorbent pulp, cemented together with a special waterproof compound. Impervious to rain, proof against frost and repellent to rats and mice. Size 80 x 78 in. Each \$4.50, doz. \$50.00.

**MELON FRAMES.** One light of 10x12 glass in cypress frame. Each \$2.25, doz. \$24.00.

**MELON NETS.** English make. Doz. \$2.50.

## HORTICULTURAL TOOLS AND REQUISITES—Continued

## MOLE TRAPS.

**Schroeter Improved.** Low built and self setting. Each \$2.25.

**MO-I.O.** A preparation for destroying moles. Pkg. 25c.

**MOSS, SPHAGNUM, Live.** For orchids. Bag \$2.50.  
For packing, 5-bbl. bale \$4.00.  
Green, in sheets. Bag \$4.50.  
Dyed Green, in sheets. Bag \$7.00.

**MULCH PAPER.** "Gator Hide." Used for mulching all kinds of flowers, vegetables and fruits.

**Type B. Sample Roll.** Heavy weight. 67 sq. ft. \$1.00.

**Type B. Heavy weight.** 18 in. wide. 150 yards long. Per roll \$3.50.

**Type B. Heavy weight.** 36 in. wide. 150 yards long. Per roll \$7.00.

**NAILS, English Wall.** 1½ in. Chandler's patent with lead tip to turn over vine. About 40 nails to lb. Lb. \$1.00.

**Cast Iron.** 1½ in. About 140 nails to pound. Lb. 25c.

**NETTING, Bird,** for Strawberry beds, etc.; 20 or 30 ft. wide. Per lb. \$2.75; 1 lb. will cover 200 sq. ft.

**NOZZLES.** (See Hose Nozzles.)

**OIL CANS.** For lawn mowers, etc., brass bottom. 30c.

## PAPER.

**Crepe, Green.** Per roll 50c.

**Kraft.** Sheets 40x48 in. or 30x40 in. Per lb. 15c.

**Kraft.** Rolls 18 in. or 24 in. wide. Per lb. 15c.

**Tissue.** Ream (480 sheets.) 24x36 in. \$2.00.

**Waxed Tissue.** Ream (480 sheets.) 24x36 in., \$3.00.

**Waxed Tissue, Green.** Ream (480 sheets.) \$3.00

**PEAT MOSS.** Small bale \$1.50, large bale \$4.50.

**PEAT, Rotted.** 1-bbl. bag \$2.25.

**PEAT, Orchid.** 1-bbl. bag \$2.75.

**PENCILS, GARDEN.** For labels. Each 15c.

**PICK MATTOCKS, "Oak Leaf."**

Hoe 4¼ in.

Pick 8½ in.

Each \$1.50.

Handles 50c.



**PICKS.** Pointed both ends. 23 inches. Each \$1.50, handles 50c.

**PLANET JR. CULTIVATORS.** (See Page 104.)

**PLANT GUARDS.** To protect plants against cutworms, etc. 100 30c., 1000 \$2.50.

**PLANT PROTECTING CLOTH.** Valuable for protecting early plants from frost. Pieces contain from 40 to 60 yards.

**Heavy Grade.** By piece of 50 yds., per yd. 35c.

**Medium Grade.** By piece of 60 yds. per yd. 30c.

**PLANT PROTECTORS.** For Tomato or Egg Plants. (See Page 105.)

**PLANT SPRINKLERS.** (See Sprinklers.)

**PLANT STAKES.** Wood, painted green. Round, tapering (light).

	Each	Doz.	100
1½ ft.....	\$0.05	\$0.50	\$3.00
2 ft.....	.06	.60	4.00
2½ ft.....	.08	.80	6.00
3 ft.....	.11	1.10	8.00
3½ ft.....	.13	1.35	10.00
4 ft.....	.17	1.75	12.00

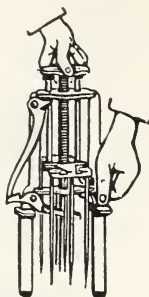
Round, green, tapering (heavy).

4 ft..... .25 2.25 16.00

5 ft..... .27 2.75 18.00

6 ft..... .30 3.00 22.00

**BEAN POLES.** Cedar, pointed, 8 ft. to 9 ft. Doz. \$4.50, 100 \$35.00.



## PLANT STAKES—Continued

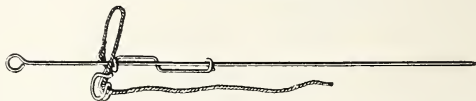
<b>DAHLIA POLES.</b> Heavy, round, green; tops painted white.			
	Each	Doz.	100
3 ft.....	\$0.20	\$2.00	\$12.50
4 ft.....	.25	2.50	16.50
5 ft.....	.27	2.75	20.00
6 ft.....	.30	3.25	25.00

<b>DAHLIA STAKES.</b> Extra heavy. 7/8 in. square at bottom tapering to 3/4 in. at top, painted green.			
	Each	Doz.	100
5 ft.....	\$3.00	\$30.00	
6 ft.....	3.50	25.00	

**GALVANIZED WIRE, for Roses, etc.** Plain or Anchored. No. 9 wire.

	100	100	100
2½ ft... \$2.50	3½ ft... \$3.50	4½ ft... \$5.00	
3 ft... 3.00	4 ft... 4.00	5 ft... 5.50	

**PLANT SUPPORTS.** (See Page 111.)



**PLANT SUPPORT. The Timesaver.** A galvanized iron stake with adjustable clip and fiber twine. Adapted for all kinds of flowers or shrubs. No. 1. 30 in., doz. \$1.00; No. 2. 3 ft., doz. \$1.15; No. 3. 4 ft., doz. \$2.20; No. 4. 5 ft., doz. \$2.75.

**PAEONY SUPPORT.** No. 3A. 3½ ft. 5 ft. cord. Doz. \$2.10.



**S. L. N. WIRE STAKE.** A new and practical device for supporting flowers. The spiral end forms a circular hook for the flower. 36 in. long. Doz. \$1.00, 25 for \$2.00, 100 \$7.00.

**PLOWS.** See our Farm Implement Catalogue. (Sent on request.)

**PLIERS.** Side cutting, 6 in. \$1.50; 7 in. \$2.00.

**POT HANGERS.** Made with galvanized wire. 18 in. Each 25c. Doz. \$2.00, 100 \$12.00. 24 in. Each 30c. Doz. \$2.50, 100 \$18.00

**POTATO HOOKS.** Broad, round prongs. 4-prong \$1.50, 5-prong, \$1.75.

**POTS.** (See Flower Pots, Page 93.)



**POST HOLE DIGGER.** The blades are 9 in. long and the handles 5 ft. long. Each \$2.25.

**POWDER GUNS.** See Pages 92, 114.)

**Double Barrel Dust Gun.** Each 75c.

**Crystal Duster.** Size 1 quart. Each \$1.25.

**POULTRY SUPPLIES.** (See Page 118.)

**PRUNER, or Lopping Shears.**

**Double Cut.** Handles 30 in. long. Each \$2.75.

**Handy Andy.** A small lopping shear, 14 in. long. Very useful for small work. Each \$2.00.

**"Keen - Kut-**

**ter."** Han-

**dles 22 in.**

**Curved**

**blade. Each**

**\$3.50.**

**Eagle Lopping**

**Shear. 20-in.**

**h a n d l e .**

**Each \$2.00.**

**Rhodes'.** Cuts on both sides and does not bruise the bark. Length 36 in. Each \$6.50.



## HORTICULTURAL TOOLS AND REQUISITES—Continued

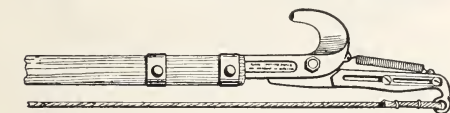
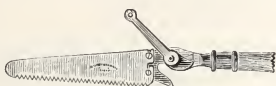
**PRUNERS, TREE.**

**Bartlett Compound Lever.** Does double the work of any other pruner with less exertion. 10 foot. Each \$5.50. Extra blades 50c.



**Bartlett No. 1 Jointed Tree Trimmer.** A new and very efficient tree trimmer and pruner. The pole is made in sections of four feet each enabling the user to have a selection of an 8 ft., 12 ft. or 16 ft. pruner. Superior quality throughout. No. 1. 16 ft. jointed pruner. Each \$8.50.

**Little Giant Pruner Hook and Saw Combined.** Attaches to pole of any length. Each \$3.50.



**Hadley Pole Pruner.** The only pruner with a two cutting blade. No. 2 with 5 ft. pole and 5 foot extension. Each \$6.00.



**Water's Patent.** (Keen Kutter.) 10 ft. handle, \$3.00; 12 ft. handle, \$3.25. Extra blades, 30c. each.

**PUMP, "The Kinney."** For distributing water and liquid manure through the hose at the same time. Each \$2.25.

**PUMPS.** (See Spray Pumps, Pages 112 to 115.)

**PUTTIUM.** A new glazing cement used in place of putty. Color gray. Gal. can \$3.00.

**PUTTY BULB, Rubber.** For glazing, \$1.35.

**RAFFIA.** The best material for tying plants. Per lb. 50c. Green, dyed, lb. \$1.25.

**RAFFIA TAPE.** Green, on spools of 100 yards. Each \$1.50.

**RAKES.**

**Bamboo Lawn.** Each 75c. Large size \$1.00. (See Page 105.)

**Garden.** Best steel, 8 teeth, \$1.00; 10 teeth, \$1.20; 12 teeth, \$1.30; 14 teeth, \$1.40; 16 teeth, \$1.50; 18 teeth, \$1.60.

**Gem Dandelion.** 15 in. wide. Each \$2.50. (Illustrated on Page 105.)

**Hay.** Wooden, 3 bows, 12 teeth, \$1.10.

**Hoover.** Flexible steel for leaves, etc. \$1.00. (Illustrated on Page 105.)

**Lawn.** Wooden, 3 steel bows, 22 teeth, \$1.25.

**Reversible.** Galvanized, 24 teeth, \$1.25.

**Rake and Hoe.** A combination tool, \$1.10.

**REELS, GARDEN.** Each \$1.75 and \$3.00.

**REFUSE BURNERS.** (See Pages 101 and 110.)

**RIFLES, EMERY.** For sharpening. Each 15c.

**Carborundum.** No. 57. Will sharpen any garden tool. 9 in. long with wood handle. Each \$1.00.

**ROLLERS.** (See Page 109.)

**RUBBER BANDS.** For split Carnations. Oz. 30c.

**RUBBER COATS.** State size wanted. \$9.00.

**RUBBER BOOTS, Gardeners and Farmers.** State size when ordering. Per pair, hip length, \$7.00, knee length \$5.50.

**SASH, HOTBED, Extra Strong.**

**Unglazed.** Made of best cypress. Regular size 3x6 ft., for using 6x8 in. glass. No. 4, each \$2.75.

**Glazed.** (Packing extra.) Size 3x6 ft., using 6x8 in. glass. Painted two coats white. No. 4, each \$5.50.

**Glazed.** Size 3 ft. 2 in. x 6 ft., using 8x10 in. glass. No. 9, each \$6.00.

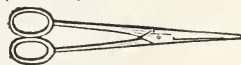
**Glazed with 10x12 in. double thick glass.** Size 3x6 ft. Iron cross bar. No. 11, each \$6.50.

**"Sunlight."** Double Glass. Glazed with 10x12 in. double, two layers thick glass, painted two coats, white. No. 12, each \$11.00.



**Hotbed Frames for Sash.** Painted. For 2 sash, each \$14.00; for 3 sash, each \$18.00; for 4 sash, each \$23.00; for 5 sash, each \$28.00.

**SCISSORS.**  
**Grape or Vine.** Best make, 7 in., \$1.50.



**Flower Gatherers.** Best quality, 6 1/4 in., \$1.75.



**Flower Gatherers.** No. 30. 6 inches. Each 50c.

**SCISSORS, PRUNING.** English make, 4 in., \$2.25. 5 in., \$2.50.

**SAWS.**

**Pruning Disston.** Single edge, 16 in. \$1.50, 18 in. \$1.75, 20 in. \$2.25. Double edge, 16 in. \$1.75, 18 in. \$2.00, 20 in. \$2.75.

**Double Swivel.** Blade 14 in. long. Very useful for pruning. Each \$2.25. Extra blades 35c.

**Crescent Pattern, "Keen-Kutter."** 16 in., each \$2.00.

**Hand or Pruning.** 20 in. blade, each \$2.25.

**Cross-cut, One Man.** Cuts easily and rapidly. 4 ft. Each \$4.75.

**SAW FILES.** Best make. Each 20c. and 25c.

**SCYTHES.**

**Lawn, English.** 30 to 34 in., each \$3.00.

**Grass, American.** 30 to 40 in., each \$2.50.

**Brush or Weed.** 18 to 21 in., each \$2.25.

**SCYTHE SNATHS (or Handle).** Each \$2.00.

**SCYTHE STONES.** Flat, each 25c., doz. \$2.50.

**Carborundum.** No. 57. Each \$1.00.

**English.** Round pointed. Each 35c.

## HORTICULTURAL TOOLS AND REQUISITES—Continued



**SEEDLING PRICKER, Acme.** For transplanting seedlings. Each 25c.

**SEEDERS.** (See Pages 103 and 109.)

**SEEDERS, Sowrite.** Fiberloid for fine flower seeds. Each \$1.00. (See Page 103.)

**Sowrite.** For all seeds to size of Sweet Peas. Metal, nickel plated. Each 50c.

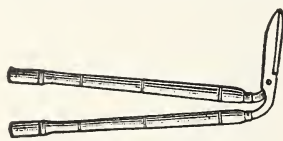
**HADING, Summer Cloud.** English shading for greenhouses.  $\frac{1}{2}$  lb. pkg. 75c.  $1\frac{1}{2}$  lb. pkg. \$2.00.

**SHEARS.**

**Grass Border.**  
English (with-  
out wheel.)  
8 in. .... \$5.50  
9 in. .... 6.00  
10 in. .... 6.50

**American.** Without wheel. 9 in., \$4.00.

**Doo-Klip Grass.** Long handle. Each \$2.50.

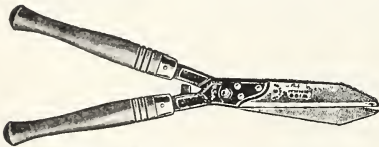


**Grass, Wiss No. 600.** 6 in. steel blades with 7 in. metal handle and spiral steel spring. \$1.50.

**Grass or Sheep.** Best trowel shank. \$1.25.



**Grass, Wiss-Klip.** No. 700. Six inch blade. \$1.50.



**Hedge, English Make.** 8 in., \$3.00; 9 in., \$3.50; 10 in., \$4.00. With notch, 35c. extra.

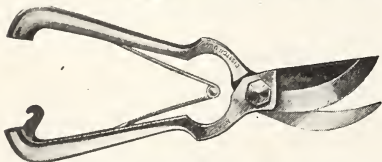
**Extra Bolts, Nuts and Washers.** Per set 25c.

**Wiss Hedge.** Best steel concave blades, on serrated; 8 in. \$2.75, 9 in. \$3.00, 10 in. \$3.25.

**Lopping Shears.** (See Pruners.)

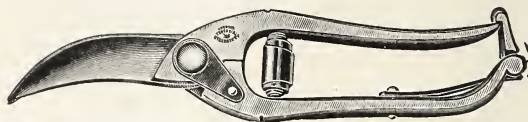
**SHEARS, PRUNING.**

**California Pattern.**  
9 in. long  
(See cut)  
Each  
\$1.00.



**Disston Pruning No. 152.**  $8\frac{3}{4}$  in., extra strong. Each \$3.50.

**Draw Cut.** Has a true drawing cut which gives greater ease in cutting. 8 in. Each \$2.00.

**SHEARS, PRUNING—Continued**

**Henckel's Pruning.** No. 192. Can be used for heavy or light branches.  $8\frac{1}{2}$  in. \$4.00.

**Kunde.** Imported. No. 135. 8 in. Each \$5.00.

**Lion Pruning.** Double beveled cutting blade. Nickel-plated handle. 8 in. \$2.50.

**Ladies' Pruning.**  $6\frac{1}{2}$  in. Nickel plated, \$1.50.

**Perfection Pruning.** Cuts on both sides.  $6\frac{1}{2}$  in., \$3.50;  $7\frac{1}{2}$  in., \$4.00;  $8\frac{1}{2}$  in., \$4.50;  $9\frac{1}{2}$  in., \$5.00.



**Plucca Pruner.** Made to hold the twig that is cut off. \$3.00.



**Watch Spring Pruning;**  
Imported French, 7 in., \$3.00; 8 in., \$3.50; 9 in., \$4.00.



**Wiss, Hand Pruning.** (Solid Steel.) 9 in., \$3.50; 10 in., \$4.00; extra blades, \$1.00 each.

**Wiss Pruning No. 209.** Blade and handle one piece of steel. 9 in., \$1.50.

**Wiss Pruning No. 309.** Forged steel blades. 9 in. \$2.50.

**SHARPENER, Self Grinding.** For sharpening knives, shears, scissors, etc. Each \$2.00.

**SHREDS, Medicated Garden.** For nailing trees to walls, etc. 3 in. 100 60c.; 4 in., 100 75c.



**SHOVELS, "Keen-Kutter."** Square and Diamond Pointed. Long or short handles. Each \$2.00.

**Best Steel.** Square or pointed. Each \$1.50.

**SIEVES, WIRE.** For sifting loam, gravel, etc.  $\frac{1}{4}$  in.,  $\frac{1}{2}$  in.,  $\frac{3}{4}$  in., or  $\frac{1}{2}$  in. mesh, 18 in. in diameter, each \$2.50.

**SIGN, "Keep Off the Grass."** Metal with enameled letters. Size  $3\frac{1}{4}$  x 19 in. Each 50c.

**SILKALINE, Meyer's Green.** Fast color. Spool 50c. Box of 8 spools \$3.50.

**SMLAX TWINE.** Green. Box of 8 balls \$1.25.

**SOAP DISPENSER, "Wilson's Sanitary."** To use with Wilson's Liquid Soap. Each \$2.50.

**SOAP, Liquid.** For dispenser. Gal. \$3.00.

**SOD PERFORATOR.** (See Page 109.) \$4.50.

**SOIL TESTER, "Soiltex."** The new pocket soil tester, contains enough material for making 75 to 100 soil tests. Outfit complete. \$1.00.

**SOWERS, Seed.** (See Pages 103 and 104.)  
**Fertilizer.** (See Page 109.)

**SPADES.** Best cast steel. Long or short handles. Each \$1.50.

**"Keen-Kutter,"** extra quality, each \$2.00.

## HORTICULTURAL TOOLS AND REQUISITES—Continued

**SPRAYERS.** (See Pages 112, 113 and 114.)

**SPRINKLERS.**

**Lawn.** (See Pages 116, 117.)

**Rubber.** Scollay's straight neck. No. 1, 12-oz. size, \$1.50.

**Rubber Plant Spray.** Small size 60c.

**The Ideal.** Made entirely of metal and fits any bottle; can be used at any angle for insecticides or water. Each \$1.00.

**STAKES.** (See Plant Stakes and Canes.)

**STAKES, HYACINTH.** Green. 18 in. long. Doz. 5c., 100 40c., 1000 \$3.50.

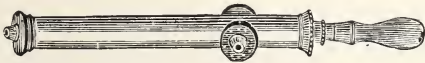
**STEEL WOOL PADS.** For cleaning all tools. Each 60c.

**STICKS, Match.** 18 in. long. 1000 \$3.00.

**STYPTIC.** To prevent bleeding of vines. Bottles, each \$1.25.

**SULPHUR VAPORIZER, Campbell's Patent.** (See Fumigators, Page 93.)

**SUNDIALS.** Made with cast bronze. Diam. 11 in. Each \$10.00.



**SYRINGES, GARDEN, Brass.**

**No. C,** length 14½ in., diam. 1¼ in., one spray rose and stream. Each \$4.50.

**No. 11,** length 18 in., diam. 1½ in., two spray roses and one stream. Each \$6.00.

**No. 5,** length 18 in., diam. 1½ in., two spray roses and one stream, extra heavy and strongly mounted. Each \$8.00.

**Goosenecks.** For syringes. Each \$1.25.

**TAMPERS, Sod and Cement.** (See Page 109.)

**TAN BARK.** for walks. Per ton \$30.00.

**TARRED FELT DISCS.** For Cabbage plants. 100 50c., 1000 \$4.00.

**TENNIS NETS.** Single court, 27x3 ft. Double court, 36x3 ft., canvas bound. Prices on application.

**TENNIS MARKER, No. 0 Dry Marker.** For marking tennis courts. \$3.50.

**THERMOMETERS.**

**Mushroom Bed.** Wood with brass point, metal scale. Each \$3.75.

**Mushroom Bed.** Wood with brass point. \$2.00.

**Brooder, "Tycos."** Each \$1.00.

**Distance Scale.** Metal frame. Each \$1.00.

**Household.** Wood frame. 8 or 10 in., 75c. to \$1.50.

**Incubator, Tycos.** Each 75c.

**Japan Tin Case, Metal Scale.** 8 in., 90c.; 10 in., \$1.10.

**Maximum Registering.** Wood frame. Each \$2.75.

**Minimum Registering.** Wood frame. Each \$2.75.

**Porcelain Scale.** For conservatory. Each \$1.50.

**Self-Registering, "Tycos."** Burnished copper frame. Size 10 in. \$7.00.

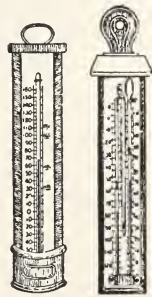
**Self-Registering, "Hicks."** English make, box-wood scale. 10 in. \$8.00.

**Self-Registering.** Imported, metal frame, 10 in. porcelain scale. Each \$3.00.

**Temprite.** Heavy metal, for greenhouse or outside. White with black figures. 9 in. Each \$1.25.

**Window.** Round glass with metal hangers. 8 in. Each \$2.00.

**Magnets.** For self-registering. 75c.



**TINFOIL.** Lb. 30c., violet or green, lb. 75c.

**TOOL SETS, "Keen-Kutter."** Fork, spade, hoe and rake. Set \$3.50.

**Ladies Garden Beauty.** Hoe, rake and trowel. \$1.00.

**TOOTHPLICKS.** Wired. 1000 75c.

**TORCHES, Asbestos.** For burning tent caterpillars. Each 60c.

**Collin's Caterpillar Torch.** A swinging lamp with attachment to pole with pan to catch the caterpillars that fall. Torch and catcher, \$1.00; 12 ft. pole in 3 sections, \$1.00.

**TOMATO SUPPORTS.** Heavy galvanized wire rings. Each 40c., doz. \$4.00. (See also Page 111.)

**TRACTORS, Garden.** (See Page 108.)

**TREE CLIMBERS.** For attaching to the legs, to climb tall trees. With leather straps. Pair \$5.50.

**TREE SCRAPERS.** Large iron with handle. Each \$1.25. Extra blades 60c.

**TRELLIS.** (See Page 111.)

**TROWELS.**

**Bulb.** Used for planting all kinds of bulbs and plants. Each 75c.

**English.** Finest quality throughout. Each Short handle.....\$0.85 Long handle.....1.25

**Steel.** 6 in., 75c.; 7 in., 80c.; 8 in., 90c.

**Cast Steel.** Each 35c.

**Maynard.** Heavy, one-piece steel. Each \$1.10. Transplanting or Slim Jim. 6 in. 25c., large 8 in. 30c.

**TUBS, PLANT.** (See Page 102.)

**TURFING IRONS.** English, with handles. Each \$8.00.

**American.** With handles. Each \$2.75.

**TWINE.**

**Cotton.** White, per lb. \$1.20.

**Green Smilax.** Box of 8 balls, \$1.25.

**Hemp.** All sizes. Per lb. \$1.00.

**Marline (Tarred Twine).** Lb. 60c.

**Marline.** Small size. Per ball \$1.00.

**Jute.** Three- or four-ply, for trees. Lb. 50c.



**VASES. Vertical Flower.**

Pottery-like exterior, green finish. Will not crack, chip or soften; absolutely water-proof.

	Width	Depth	Each	Doz.
No. 9	4 in.	9 in.	\$1.00	\$10.00
No. 12 1B	8 in.	12 in.	1.25	14.00
No. 15	5½ in.	15 in.	1.50	15.00

Outside measurements.

**VASES. Pedestal Round.** Pottery-like finish, color green.

	Width	Depth	Each	Doz.
No. 9A	4 in.	9 in.	\$1.25	\$12.00
No. 12A	4¾ in.	12 in.	1.50	15.00
No. 15A	5½ in.	15 in.	1.75	18.00

Outside measurements.

**VASES. Flower, Galvanized.** Made with heavy galvanized metal, will not break or rust.

	Width	Depth	Each	Doz.
No. 1	5½ in.	9½ in.	\$0.50	\$5.00
No. 1A	6 in.	12½ in.	.70	7.00
No. 2A	6½ in.	15 in.	.90	9.00
No. 3	8 in.	17 in.	1.10	11.00
No. 4	8 in.	20 in.	1.50	15.00

Painted green. 25c. each extra.



## HORTICULTURAL TOOLS AND REQUISITES—Continued

## VASES, Fiber Ware.

Made with indurated fiber which is light, handy and durable. Smooth mahogany finish.

No.	Width	Depth	Each	Doz.
44	3½ in.	9 in.	\$1.00	\$11.00
1	6 in.	10 in.	1.35	15.00
33	4¾ in.	12 in.	1.50	17.00
0	8¾ in.	13½ in.	1.75	21.00
22	4½ in.	15 in.	2.25	24.00
11	6 in.	18 in.	2.50	28.00

Inside measurements.



**VYN-TACH HOOKS.** Used for supporting vines to walls and fences. Hooks for wood. Box of 25 for \$1.00. Hooks for walls. Box of 25 with dryvins and drill \$2.00.

**WATERING POTS or CANS.** (See Page 102.)

## WEEDERS.

**"Adjustable."**  
Three Prong  
(See cut.) Each  
75c.



**"Excelsior."** Five-claw fingers. Each 20c.



**"Cleveland."** Can be used easily and without stooping. (See cut.) Each \$1.25.

**Dando-Killrite.** Used for dropping liquid on Dandelions, etc. Each \$5.00.

**Dando-Killrite Filler** for above. Can 60c.

**"Eureka."** Very useful for garden purposes. Each 60c.

**"Keen-Kutter."** A light weight long handle weeder with four stationary prongs of tempered steel. A tool that should be in every garden. As a cultivator or weeder it is equally effective. Each \$1.00.



**Killer Kane.** An ideal applicator for using gasoline or kerosene on dandelions, plantain and other weeds in lawns. Each \$2.25.

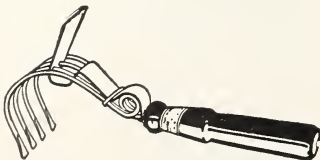


**Lawn.** For removing docks, dandelions, etc.; can also be used as an Asparagus knife. 50c.

**Lifetime.** A very handy weeder. Each 75c.

**Magic "D."**  
6 in. handle,  
weeder and  
hoe com-  
bined. Four  
prongs. Each  
50c.

**Magic "B."**  
18 in. handle.  
Three prongs.  
Each 25c.

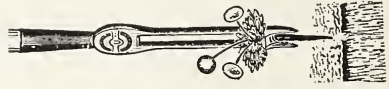


**Magic "H."** Weeder and hoe combined. Handle, 48 in. Four prongs. Each \$1.25.

**Spud Weeder.** English, with 2 in. blade. Very handy for cutting out weeds in lawns or borders. Each 75c.



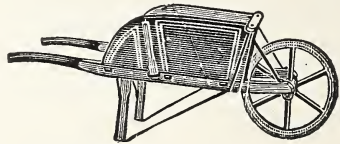
## WEEDERS—Continued.



**The Out-U-Come.** A useful tool for pulling Dandelions, etc., from lawns. Each \$1.00.

**WEATHER VANES, No. 170A.** Made with copper. A rooster standing on an arrow. 14 in. high with 18 in. arrow. Each \$15.00.

## WHEELBARROWS.



**Garden.** All nicely painted, iron leg braces thoroughly bolted. Wheels steel with 3-inch treads.

Each  
No. 3. Small size. Box 24 in. long, 20 in. wide at handles.....\$7.50

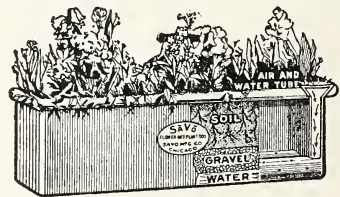
No. 4. Medium size. Box 26½ in. long, 20 in. wide at handles..... 8.50

No. 5. Large size. Box 28 in. long, 24 in. wide at handles..... 9.50

**Greenhouse Wheelbarrow.** A very narrow style for use in greenhouses. Extreme width at handles only 20 inches.....12.00

**Metal Garden or Golf Barrow.** Designed especially for garden or lawn work having 4 in. tread on metal wheel and wide faced shoe on legs. The metal tray holds 3½ sq. ft., is balanced to wheel easily, dumps quickly and will give lasting service....11.00

## WINDOW BOX. The "Savo"



Self-watering and sub-irrigating for windows, porches, sun parlors, etc.

	Height	Width	Length	Each
Model A.	8 in.	9½ in.	23 in.....	\$3.00
Model B.	8 in.	9½ in.	29 in.....	4.00
Model C.	8 in.	9½ in.	35 in.....	4.50
Model D.	8 in.	9½ in.	41 in.....	5.00

## WIRE, Annealed for Stemming.

Per lb.

No. 23.	Coarse.	18 in. lengths.....	\$0.30
No. 26.	Coarse.	12 in. lengths.....	.40
No. 34.	Fine hair.	12 in. lengths.....	.60

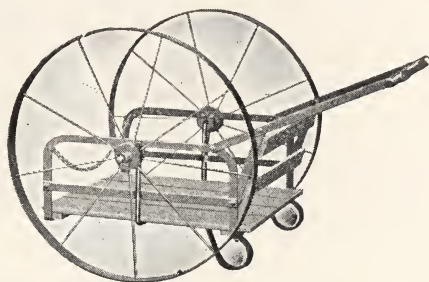
## DUD'S GAS

## A Liquid Cleaning Compound

Dud's Gas can be used for cleaning greenhouse glass, skylights, cement, marble, stone or terra cotta statues, bird baths, steps or ornaments. It is easily applied and will not injure the objects or harm the hands in using it. Qt. \$1.25, gal. \$5.00.

## LANSING HANDY CART

This cart is well built of the best materials. The 36-inch wheels have 2-inch tires with 12 spokes. The axles and framework are of steel. It can be used for carrying milk cans, barrels of feed or water, fodder, feed and other purposes. The platform is 28 x 32 inches. Price \$15.00.



## COMBINATION WATER BARREL, TRUCK AND LEAF CART

Barrel can be detached from truck without difficulty, or tilted to empty contents. Either barrel, leaf rack and box can be used. Furnished with wheels with 3-inch tires.



Fig. 6



Fig. 162

### TRUCK AND WATER BARREL

Fig. 6. Truck, with 3-in. tires and barrel.....	\$25.00
Truck without barrel, 3-in. tires.....	18.00

### TRUCK AND LEAF RACK

Fig. 162. Truck, with 3-in. tires.....	33.00
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### TRUCK, BARREL, LEAF RACK AND CART

Complete with 3-in. tires.....	47.00
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### TRUCK, HANDCART AND BARREL

Fig. 7. Truck, with 3-in. tires.....	32.00
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### ADDITIONAL ATTACHMENTS

Box for Handcart, 24 in. wide, 38 in. long, 10 in. deep.....	7.00
Leaf Rack for Truck.....	15.00
Extra Barrels with Trunnions.....	7.00
Truck and Box Cart.....	25.00
Extra Trunnions for Barrel, per pair.....	.50
Stay Rods for Barrel.....	1.00

## WHEELBARROW LEAF-RACK

Can be attached to any style or size wheelbarrow with removable sides. Most convenient for gathering leaves, cut grass and rubbish. One of these attachments should be in use on every small suburban place, as well as the larger estates. Capacity 10 bushels; made of galvanized wire, with wood base to stand on wheelbarrow. Each \$9.00.



## PORTABLE REFUSE BURNERS

A portable steel furnace for the rapid and convenient destruction of all leaves, refuse and waste matter. In reality a two-wheeled hand cart (for which purpose it can also be used), made of strong steel angle iron and heavy steel netting, which is fireproof and guaranteed not to burn out. It is fitted with broad-tired wheels, which enable it to be pulled along with the cleaning up squad on lawns or soft ground without injury. A strong steel pan is fitted under the axle, which catches all the fire and ashes as they fall through the bottom. This pan can be easily emptied as needed.



Against the cost of hauling the leaves and rubbish to a convenient spot for burning, the leaf burner will pay for itself twice over in one season.

No. 1, capacity 16 cubic feet.....	\$50.00
No. 2, capacity 11 cubic feet.....	45.00
No. 3, capacity 5 cubic feet.....	40.00

## PENNSYLVANIA LAWN CLEANER

This machine will remove from the lawn not only the cut grass but all sorts of litter, leaves, etc. The suction created by the three rapidly revolving rakes (or brushes) cleans the lawn similar to a vacuum cleaner. The brushes are used for removing worm-casts from putting greens, etc. Provision is made for adjustment to take up the wear of the brushes. The change from rakes to brushes is easily made without taking the machine apart. Width 24 inches only. \$35.00. Extra set of brushes or rakes, \$8.00.

Always designate Rakes or Brushes when ordering.

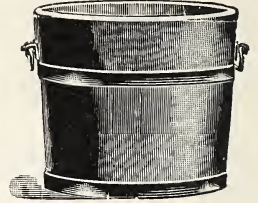


## NEW YORK CEDAR TREE TUBS

Are made of cedar with extra heavy staves and hoops and will be found very strong and durable. Painted green in regular stock. Any color desired to order. Outside measurements.

	Diameter	Height	Each		Diameter	Height	Each
No. 00.....	32 in.	26 in.	\$21.00	No. 5.....	20 in.	16 in.	\$6.00
No. 0.....	30 in.	24 in.	18.50	No. 6.....	18½ in.	15 in.	5.00
No. 1.....	28 in.	22 in.	16.00	No. 7.....	16½ in.	14 in.	4.50
No. 2.....	26 in.	20 in.	13.50	No. 8.....	15½ in.	13 in.	3.75
No. 3.....	24 in.	18½ in.	8.50	No. 9.....	14 in.	12 in.	3.25
No. 4.....	22 in.	17 in.	7.00	No. 10.....	12 in.	9½ in.	2.75

All outside measurements.



No. 00, 0, 1 and 2 have hook handles. Smaller sizes drop handles. Furnished without feet unless specially ordered. Four feet for Nos. 00, 0, 1, 2, 3 and 4, 50c. each foot. Three feet for all others, 35c. each foot.

## MARSHALL'S PLANT TUBS

Made from selected Virginia white cedar, bound with electric welded wire hoops (galvanized). Painted drop handles if wanted at 30c. per pair. Inside measurements.

	Diameter	Height	Each		Diameter	Height	Each
No. 3.....	8 in.	8 in.	\$0.75	No. 8.....	13 in.	12 in.	\$2.00
No. 4.....	9 in.	9 in.	.85	No. 10.....	15 in.	14 in.	2.50
No. 5.....	10 in.	9 in.	1.00	No. 12.....	17 in.	16 in.	3.50
No. 6.....	11 in.	10 in.	1.30	No. 14.....	19 in.	18 in.	4.25

All inside measurements.



## SQUARE CEDAR PLANT TUBS

Made entirely of Virginia White Cedar. Painted two shades of green. Made with plain or grilled panel.



No.	Top	Bottom	Depth	Each
1	8 in.	7 in.	8 in.	\$4.75
2	10 in.	9 in.	10 in.	6.00
3	12 in.	11 in.	12 in.	7.00
4	14 in.	13 in.	13 in.	7.50
5	16 in.	15 in.	16 in.	10.25
6	18 in.	17 in.	18 in.	11.00
7	20 in.	18 in.	20 in.	13.25
8	22 in.	20 in.	22 in.	14.50

For height over all add 3 inches.



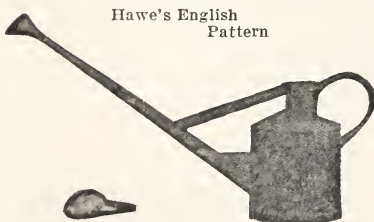
## WALSPEER FLOWER POT STAND

A durable stand for large pots or tubs with four casters and drip pan. Its use will save floors and carpets, it is easy to wheel around the room.

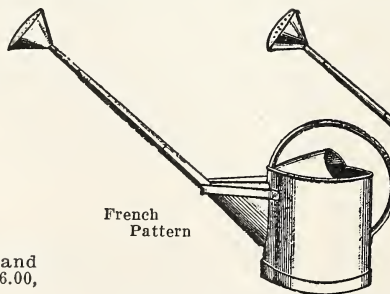
Finished in lacquer with flower design. Medium size, 10 x 12 in. Each \$1.50. Large size, 12 x 14 in. Each \$2.00.

Postage 15c. extra.

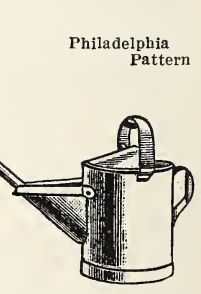
## WATERING POTS



Hawe's English Pattern



French Pattern



Philadelphia Pattern

**French Pattern, Oval.** With long spout and brass bow handle. 2 roses. 6 qts. \$6.00, 8 qts. \$6.50, 10 qts. \$7.00, 12 qts. \$7.50.

**Philadelphia Pattern, Round.** With two copper-faced roses. 4 qts. \$4.25, 6 qts. \$5.25, 8 qts. \$5.50, 10 qts. \$6.00, 12 qts. \$6.50.

**Extra Roses** Fine or coarse. Each 70c.

**Galvanized Watering Pot.** It is made with heavy galvanized material. 6 qts. \$1.00, 10 qts. \$1.50, 12 qts. \$1.75.

**Copper.** Useful for conservatory. 2 qts. \$6.00.

**Hawe's Pattern.** Valuable for watering fine seeds as well as for all greenhouse and garden work. One very fine and one coarse rose. Made with heavy material, painted red. No. 2, 4 qts. \$6.50. No. 3, 6 qts. \$7.50. No. 4, 8 qts. \$8.50. No. 5, 10 qts. \$9.50.

Extra Roses. Each \$1.00.

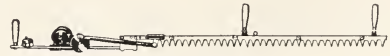
**Low, or Strawberry Pattern.** One fine rose. 4 qts. \$4.50.

## "LITTLE WONDER" HEDGE TRIMMERS



Hand operated

### ELECTRIC and HAND MODELS



Electric driven

### These Machines Revolutionize Hedge Trimming.

Made with 25, 40 and 60 inch blades. The "Little Wonder" Hedge Trimmer cuts every variety of hedge grown 5 to 10 times faster than the old fashioned hand shear method. Makes hedge cutting a pleasure. They have long cutting bars which make a quick and even cut. Made strong and sturdy—built to last many years.

Hand Operated, 30 inch cutting knife.....	\$25.00	Junior Electric 25 inch cutting knife.....	\$ 65.00
Hand Operated, 40 inch cutting knife.....	27.50	Senior Electric, 40 inch cutting knife.....	106.50
Hand Operated, 60 inch cutting knife.....	35.00	Senior Electric, 60 inch cutting knife.....	114.00

### IDEAL HEDGE TRIMMER

Makes trimming a pleasure. Eight oil tempered tool steel blades trim hedge in one-fifth time required with hedge shear. The loose trimmings are caught and removed at will, leaving a clean hedge. Cuts grass where a lawn mower will not reach. Wt. 4 lbs. Each \$6.50.

### SIMPLICITY TRIMMER AND PRUNER

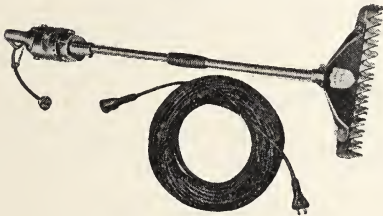
Actually doing more work with less work. Accomplishing in an hour what formerly took four hours with the old style shears.

Simplicities cut both in opening and closing.

Simplicity Trimmer for first year growth only weighs but 2 lbs.

Simplicity Pruner and Trimmer for pruning back old growth of hedge and shrubbery and trimming new growth as well, weighs but 3 lbs.

Trimmer \$3.75; Pruner and Trimmer \$5.00.

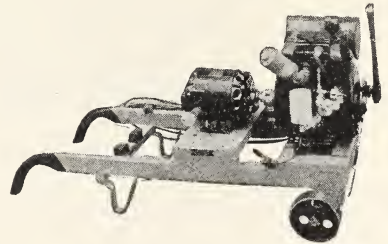


### IMPERIAL ELECTRIC HEDGE TRIMMER

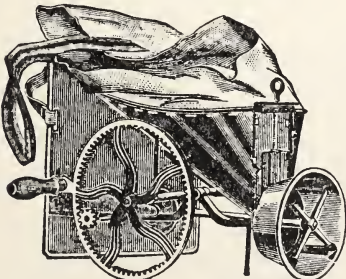
A substantially built tool with the capacity to cut the toughest hedge, heavy shrubbery or bushes. Blades 12 in. wide, length 38 in. Weight 8½ lbs. 100 foot cord furnished. Works on A. C. or D. C. current. \$45.00.

### IMPERIAL ELECTRIC POWER PLANT

The Ideal Generating Plant for use in conjunction with Electric Hedge Trimmers, Lawn Mowers, etc. It is mounted complete on a hand truck for easy handling. Produces steady standard 110 volt current continually. The motor is 4 cycle, one h. p., air cooled. Complete engine, generator and truck. \$175.00.



### CAHOON'S BROADCAST SEED SOWER



This machine will sow Wheat, Rye, Oats, Barley, Hemp, Timothy, Clover, Millet and Hungarian Millet throwing from 8 to 20 feet on each side of the operator \$6.50.

### SOWRITE SEED SOWERS



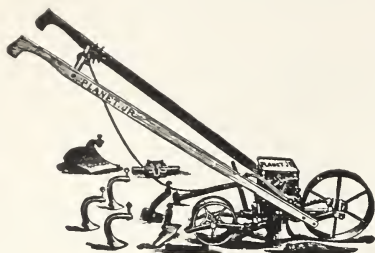
The Sowrite Seed Sower is operated with both hands. One hand holds the seed sower with the feeder tube extended over the back of the hand, with the other tapping it lightly. The slide in the cup regulates the opening according to the size of the seed, and the graduating hole controls the out-flow of even the finest seeds.

Model 1922 is used for sowing any of the fine seeds of flowers or vegetables. Made of fiberloid non-breakable. Each \$1.00.

Model 1923 will sow any seeds up to the size of Sweet Peas. Made of metal, nickel-plated. Each 50c.

## PLANET, JR. TOOLS

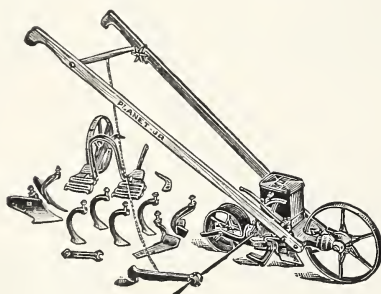
Product of 60 years' experience by a practical farmer and manufacturer who has made a science of tool building. All guaranteed. Illustrated catalogue FREE. Prices subject to change.



**No. 4 Planet Jr. Combined Hill and Drill Seeder, Single Wheel Hoe, Cultivator and Plow**

Does the work of almost all garden tools combined. It sows accurately all garden seeds in drills or in hills 4, 6, 8, 12 or 24 inches apart, cultivates, furrows and plows.

No. 4, complete.....\$18.00  
No. 4 D, as a Seeder only..... 14.25



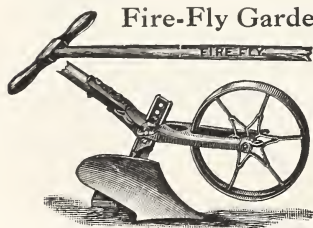
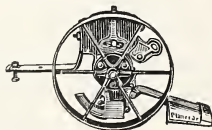
**No. 25 Planet Jr. Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow**

As a seeder it will sow in drills any thickness or drop in hills 4, 6, 8, 12 or 24 inches apart.

As a wheel hoe it is practically the same as the admirable Planet Jr. No. 12 Double Wheel Hoe, Cultivator and Plow. No. 25, complete, \$21.50.

**No. 35 Seeder Attachment**

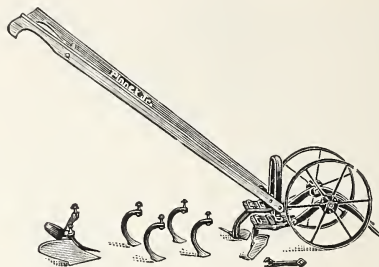
The above can be attached to any Planet Jr. Single or Double Wheel Hoe. The Hopper holds a pint of seed, is indexed for all the principal seeds and will sow the last seed, so that a small packet can be sown without waste. Price \$6.50.



**Fire-Fly Garden Plow**

Price \$4.25.

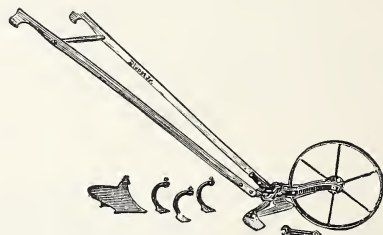
This tool will enable a busy man to do nearly all the work of a family garden. Chicken raisers find it of great advantage in plowing up their scratching yards.



**No. 12 Planet Jr. Double and Single Wheel Hoe Combined**

It has one pair plows, one pair hoes, two pair cultivator teeth and a pair of leaf lifters.

No. 12. Complete. \$10.75



**No. 17 Planet Jr. Single Wheel Hoe**

The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work. Complete, \$10.75.

**Planet Jr. Speedhoe**

The Speedhoe is used as you would a lawn mower, and the revolving blades and scuffle do the work. It can be reversed and used as a cultivator. All parts are adjustable. Made in three sizes. 8-inch \$8.25, 10-inch \$8.75, 12-inch \$9.75.

**Planet Jr. No. 2 Lawn Edger**



The cutting blade is made of the best quality steel and well sharpened. The handle is strong, being made of good quality wood. In order to have attractive lawns, keep the edges well trimmed. Price \$1.60.

**Extra Parts for Planet Jrs.**



Cultivator Teeth.



Plow.



Hoes.

Cultivator Teeth. Each 40c. Hoes, 6-inch, per pair \$1.30. Plow for S. W. H., each \$1.35.

## BAMBOO LAWN RAKE

A Superior Make

This rake cannot be compared with the cheaper quality that is often offered. The head is wired top and bottom and has a four-foot wood handle clamped onto the rake.

Made with split bamboo. Very light and flexible; for raking leaves, grass or paths. An excellent rake for removing crab or August grass in lawns.

18-inch, each 75c. Large size, 24-inch, \$1.00.



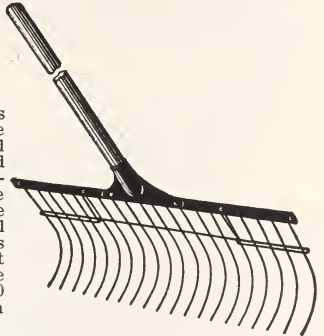
## "KONGO" COIR BASS BROOM



This broom is made with Coir Fiber with a metal case fastening. It sweeps fine, is tough, impervious to hot or cold water and does not dry up and break off. Makes a fine broom for stable, garage, greenhouse work, also for cleaning gutters on roads. Each \$2.00.

## HOOVER LAWN RAKE

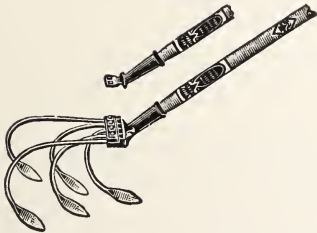
The teeth of this rake are made with flexible steel spring wire and will fit into any irregularities on the surface of the ground, taking all leaves, dead grass or refuse without any injury to the living grass. 20 inches wide. Each \$1.00.



## ADJUSTABLE GARDEN CULTIVATOR

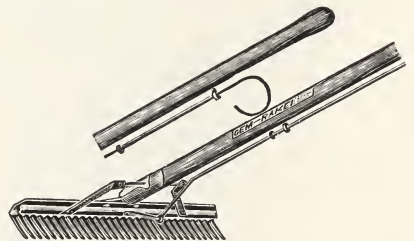
The most useful hand garden tool on the market.

It will pull out the weeds, pulverize the ground thoroughly, leaving it level. It will work between the rows, or the center shovel can be removed and straddle the row if desired. It is adjustable in width by sliding the top plate. It is the lightest, weighing but 3 lbs. complete with long handle. The blades are forged out of a solid steel rod. 3 prong, \$1.00; 5 prong, \$1.25.

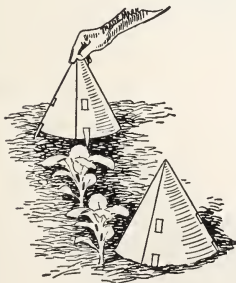


## THE GEM DANDELION RAKE

A scientifically constructed tool for eliminating Dandelion and other seeds of weeds in lawns. It has fine, blade-like teeth that lie flat against the sod and cliff off all buds and flowers. The self-cleaning attachment combs the teeth clean and is connected to a rod on the handle which cleans the teeth on a slight pull on the finger hook. The spring sending the cleaning bar back to its position. Width 15 in. Each \$2.50.



## Ever-Ready Frost Protector



This Plant Protector is made from a black, weather-proof paper, which will last indefinitely. They come packed flat with stakes for locking the edges and anchoring the cone to the ground. Once assembled they can be nested for storage and used from year to year. They can also be used for shade and windbreaks for plants just set out. Doz. 60c., 50 for \$2.25, 100 for \$4.00, 1000 \$35.00.

## Germāco

## Hotkaps

A wax paper cone that completely covers each plant. An "individual hot-house" for each plant. Hotkaps are quickly and easily set with the setter and tamper supplied with all orders.



100 Hotkaps with Setter and Tamper.....\$2.50  
250 Hotkaps with Setter and Tamper..... 4.00  
1000 Hotkaps with Setter and Tamper.....11.50

## FERGUSON'S SPRAYER

Three roses—fine, medium and coarse. Recommended for syringing under the foliage of plants where force is needed to keep down red spider, etc. Made of brass and screwed on the end of any 3/4 inch hose, \$8.00.



## COLDWELL'S IMPERIAL ROLLER-BEARING LAWN MOWER

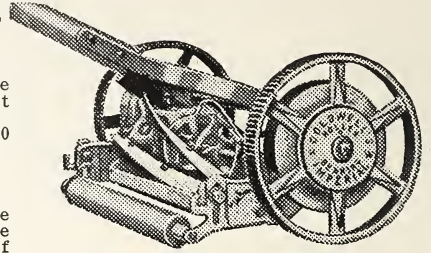
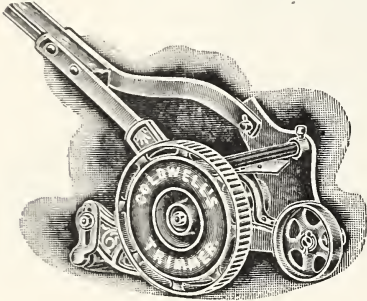
The lightest running machine. Has 10½-inch wheels, five blades, standard Hyatt Roller Bearings, triple pawl ratchet gears and finest finished parts.

16-inch.....\$20.00    18-inch.....\$21.00    20-inch.....\$22.50

## Coldwell's Jewel Lawn Mower

This machine has 8-inch driving wheels, four blades in the revolving cutter and double ratchet, fine cut gears. The bearings are provided with split brass bushings, by means of which all wear can be taken up.

14-inch.....\$8.50    16-inch.....\$9.00



Imperial Roller-Bearing Mower

## COLDWELL REGAL MOWER

The Regal stands at the head of the Coldwell Line. Wheels 10¼ inches. Five blades, ball bearings, self sharpening bottom knife.

16-inch.....\$22.00    18-inch.....\$23.00    20-inch.....\$24.00

## LAWN TRIMMER AND EDGER

Does what lawn mowers leave undone. It can be run close to wall and trees, cutting grass clean and quickly. Can also be used for trimming edges of walks, etc. It has four blades, 8 inches wide. \$11.00 each.

## GRASS CATCHERS

Galvanized sheet metal bottom with heavy duck canvas sides. Hooks to frame of Mower and handle. Easily detached for emptying.

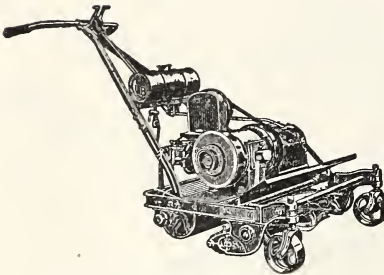
Net prices: 12-in., 14-in., or 16-in., \$2.50; 18-in. or 20-in., \$2.75.

## COLDWELL'S CUB MOTOR MOWER

The "Cub" Motor Lawn Mower is specially designed for small lawns. It cuts 21 inches, has 5 blades, full width drive roller, Timken roller bearings, automatic lubrication, and will cut close to trees or fences. The heavy duty engine will carry its full load on the hottest day. Weight 250 lbs.

Cub, 21 inch cut, \$210.00. Grass Box \$10.00

Ask for special illustrated circular.



Cub Motor Mower

## COLDWELL "L" JUNIOR MOWER

A light weight, simple and dependable power mower and roller of good capacity at a moderate price.

Motor 1½ horse power, cutting unit 5 blade, width of cut 25 inches, capacity 4 to 6 acres per day. Weight 300 lbs.

"L" Junior, 25 inch cut, \$290.00. Grass Catcher, \$12.00.

## COLDWELL MODEL "R" MOWER

The Coldwell Model "R" mower will cut from 6 to 10 acres of lawn per day; fuel consumption, 1 to 1½ gallons gasoline for 10 hours running. It has an 8-inch diameter, full width drive roller in two sections. Revolving cutter, 6 inches with 5 blades. It has also two gang units that can be attached, making an extreme cutting width of 60 inches. Weight 495 lbs.

Model R, 25 inches, 265.00. Grass Catcher for Model R, \$20.00

## COLDWELL'S "L" TWIN MOWER

The Coldwell Model "L" Motor Lawn Mower and Roller, twenty-five inch cut, has been designed with a view of combining the extreme flexibility of the hand lawn mower with the large cutting capacity, rolling feature and other advantages and conveniences which can be obtained only with a motor mower.

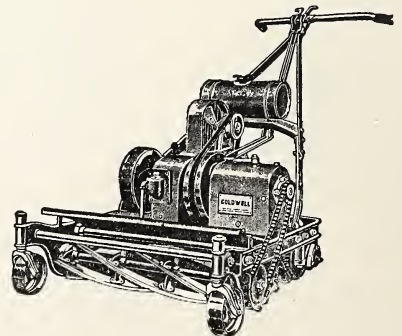
This mower is adapted for use on private lawns, parks, cemeteries, public grounds and for fine cutting on tennis courts and bowling greens. Weight 380 lbs.

"L" Twin Motor Mower, 35 inch cut, \$365.00. Grass Box, \$12.00.

With gang attachment for 60 inch cut, \$425.00.

Twin 30 inch cut, \$415.00. Grass Box, \$15.00.

Riding Sulky for above models, \$20.00.



"L" Twin Motor Mower

Prices of Coldwell Motor Mowers include delivery and service charges.

## PENNSYLVANIA STANDARD, OR JUNIOR LAWN MOWERS

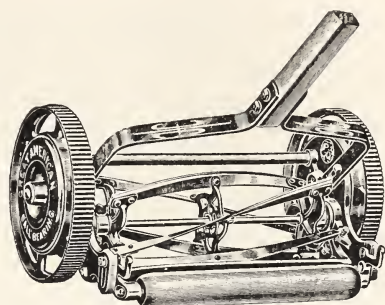
The Pennsylvania is the pioneer of all lawn mowers, having an open cylinder, open wheels and a train of gears. High wheel, 10 $\frac{1}{2}$ -inch diameter.

15-in., 4 blades.....\$30.00    17-in., 4 blades.....\$32.00  
19-in., 4 blades.....\$34.00

## GREAT AMERICAN MOWER

A double geared mower which gives fine results. 10 $\frac{1}{2}$ -inch high wheel, 5-blade cylinder, ball-bearing.

15-in.....\$20.00    19-in.....\$26.00  
17-in.....23.00    21-in.....30.00



Great American Mower

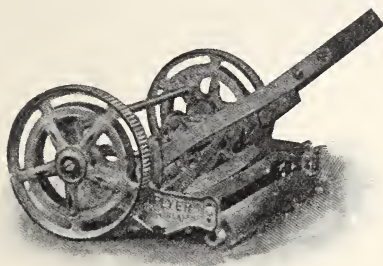
## PENN GOLF ARISTOCRAT MOWER

Adapted for Putting Greens and Tennis Courts. Ball bearings, seven blades, 9 $\frac{1}{2}$ -inch wheels. 19 in. only. \$45.00. Grass Catcher, \$10.00.

## TOWNSEND'S FLYER BALL-BEARING LAWN MOWER

A good, free cutting, easy running mower with open wheel and frame, made on the two-gear principle. Gears well up from the ground and fully shielded so as to exclude dirt and cut grass. Has 9-inch wheels, four-bladed reel.

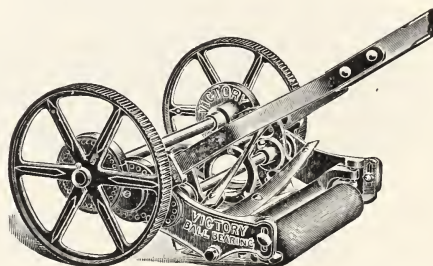
14-in.....\$11.00    16-in.....\$12.00



## "VICTORY" BALL-BEARING LAWN MOWER

This mower is fitted with **Ball Bearings**. The gear is entirely closed, so that no dirt or cut grass can find its way into the pinions and clog them. The cutter bar is easily removed for sharpening without disturbing the frame. The knives cut the instant the mower is moved.

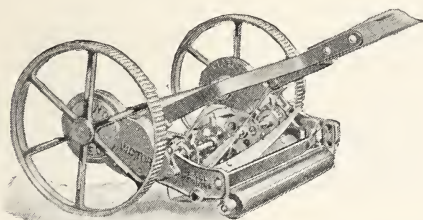
14-in.....\$17.00    18-in.....\$20.00  
16-in.....18.00    20-in.....22.00



## Victory Two-Speed Lawn Mower

This Mower has a two-speed arrangement, the low speed for cutting heavy thick grass and the high speed for ordinary lawn work. Ball bearings and 11-inch wheels.

14-in....\$21.00    16-in....\$22.00    18-in....\$23.00

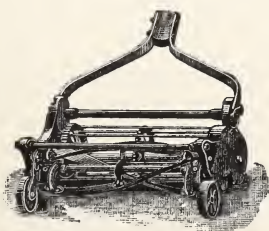


## "Easy" Border Lawn Mower

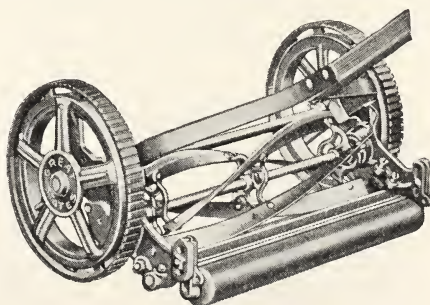
The only mower made that will cut borders, mounds, terraces, close to walls and fences, and all kinds of uneven surfaces with the same ease and efficiency as the smoothest lawn.

It has a steel open roller, four spiral blades, self-adjusting ball-bearings with detachable handle. Net Prices:

12-in....\$25.00    14-in....\$28.00    16-in....\$32.00



"Easy" Lawn Mower



Great States Mower

## GREAT STATES MOWER

These Mowers have self-adjusting ball bearings and self-sharpening blades, are strongly built and have no complicated parts or adjustments. Cutting reel is 5 $\frac{1}{4}$  inch with four blades. The drive wheels are 10 $\frac{1}{4}$  inches with deep corrugations. Every machine is guaranteed to give satisfactory service.

14-in....\$11.00    16-in....\$11.75    18-in....\$12.50

## IDEAL WHEEL TYPE MOWERS

The Wheel Type Ideals are furnished in 2 models, 20 in. and 25 in. Wheel types are best suited to work on lawns where there is a large amount of turning and on lawns where steep hillsides are to be cut.

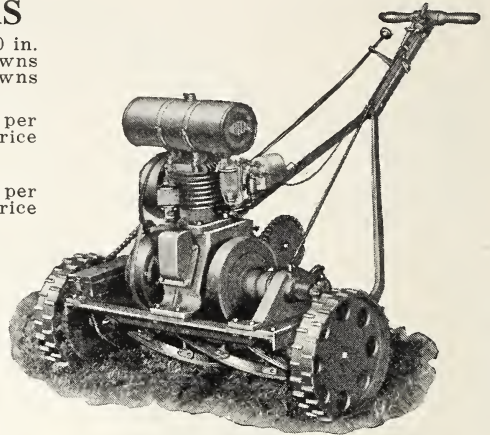
**Ideal 20 in.** Width of cut 20 inches, to cut 1 to 3 acres per day, 4 cycle, air cooled motor. Weight 275 lbs. Price \$205.00.

Grass Catcher for above, \$8.00.

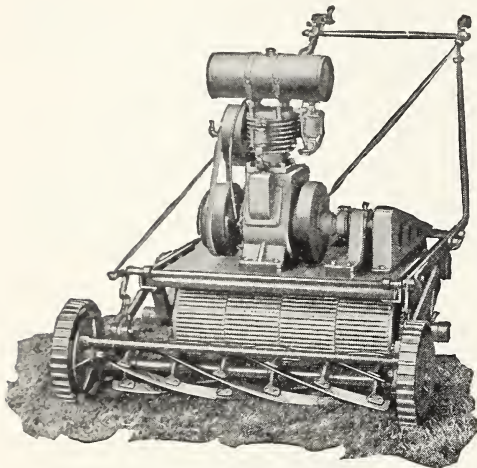
**Ideal 25 in.** Width of cut 25 inches, to cut 4 to 6 acres per day, 4 cycle air cooled motor. Weight 295 lbs. Price \$290.00.

Riding Trailer for the above, \$25.00.

Grass Catcher for the above, \$10.00.



Ideal Wheel Type Mower



Ideal Roller Type Mower

## IDEAL ROLLER TYPE MOWERS

The Roller Types are made in two models, 22 in. and 30 in. The new models have many new mechanical improvements. A modern design engine and sturdier frame and more completely balanced.

**Ideal 22 in.** Width of cut 22 inches, capacity 3 to 4 acres per day, 5 blade cutting unit, roller in 3 sections, width 17 in., diameter 10 in., 4 cycle air cooled motor. Weight 455 lbs. Price \$275.00.

Grass Catcher for above, \$10.00.

**Ideal 30 in.** Width of cut 30 inches, capacity 5 to 7 acres per day, 5 blade cutting unit, roller in 4 sections, width 24 in., 4 cycle air cooled motor. Weight 600 lbs. Price \$370.00.

Riding Trailer for the above, \$25.00.

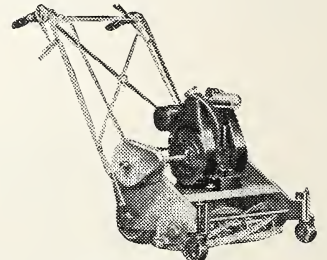
Grass Catcher for the above, \$12.00.

## THE "COOPER" POWER MOWER

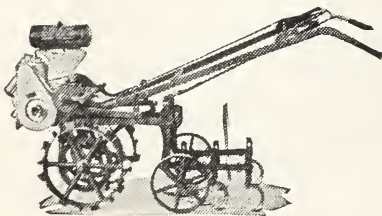
The Cooper Mower has two speed reel, reversible reel, independent reel drive, all steel frame, independent traction drive, a four cycle, air cooled motor, all anti-friction ball and roller bearings. It will operate over level or rolling lawns and climb steep grades. It is extremely easy to operate and will be found highly efficient and a great labor saving necessity.

**Cooper 20 inch Mower.** Motor 1 H.P. Capacity 3 to 3½ acres per day. Weight 206 lbs. Price \$190.00 f.o.b. factory, \$195.00 f.o.b. New York.

**Cooper 27 inch Mower.** 2 H.P. Capacity, 6 to 8 acres per day. Weight 247 lbs. Price \$300.00 f.o.b. factory.



The Cooper Mower



## BOLEN'S GARDEN TRACTOR

A light weight gasoline propelled power unit ready to hitch to a great variety of useful implements. It can be used for cultivating, hilling, hoeing, seeding, etc. The instant hitch attachment can be used with the interchange of tools. The speed is easily controlled with two driving sprockets from one to three miles per hour. The engine is air cooled and consumes about one gallon of gasoline in ten hours. The arched axle gives a clearance of 16 inches and the width of tractor is 18 inches. It has a double clutch drive with power turn for either wheel. Fully illustrated booklet mailed free on request.

**Model D.J.O.** Tractor without attachment or tools. \$217.50.

**Model D.J.O.** Tractor with D101 instant hitch, one and two row cultivator frame with tool holders, 2 pair wide angle 6 in. hoes and 6 cultivator teeth. \$233.85. For other attachments ask for special list.

**Model D.Q.O.** Tractor unit without attachments or tools. \$289.50.

**Model D.Q.O.** Tractor with DJ-101 instant hitch, one 6 in. plow D.J.-241, one pair each 6 in. and 8 in. angle hoes, 6 cultivator teeth No. 2775. \$321.00. For Lawn Mower, Seeder, Spraying and other attachments ask for special list.

Above prices are all F.O.B. Factory.

## FERTILIZER SPREADER

This Spreader will apply fertilizers, lime, or grass seed economically and effectively. It is easy to push even when loaded to capacity. The nonclogging, rotating force feed insures an even agitation and distribution. Six adjustments make possible a wide range of application.

**Little Spreader.** 14 in. wide, holds 13 lbs. Very handy and indispensable for small gardens and lawns. \$1.95.

**Junior.** 14 in. spread, 20 lb. capacity. \$5.95.

**Standard.** 2 ft. spread, 65 lb. capacity. \$10.45.

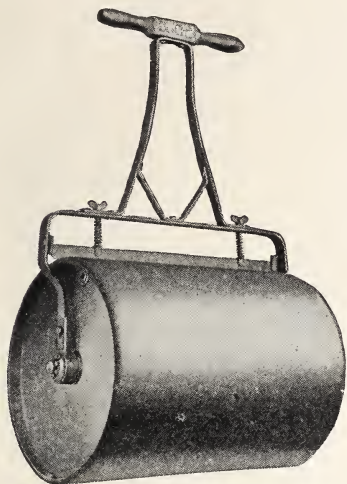
**Special.** 3 ft. spread, 100 lb. capacity. \$16.25.



## GRASS SOD OR CEMENT TAMPERS

Useful for tamping down sod and uneven spots on lawns, tennis courts and golf grounds. Made of iron, with heavy wooden handle.

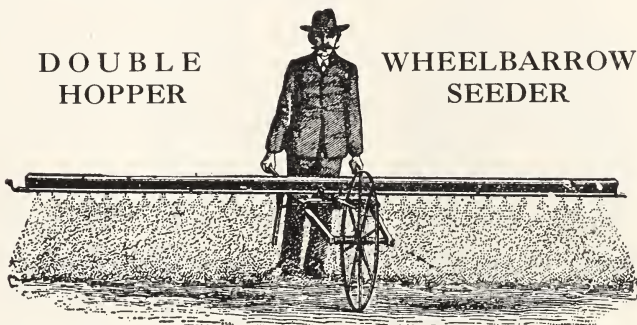
**Square Pattern.** Size 6 in. Weight 12 lbs. Each \$2.25. Size 8 in. Weight 17 lbs. Each \$2.75.

Water Ballast Roller  
for Lawns

With a Water Ballast Roller, one can secure any weight desired by simply removing a cap and filling it with as much water or sand as may be required. When filled with sand they weigh 50% more than with water.

The "WE" type is fitted with a steel scraper, which is adjustable and can also be used to hold the handle in place when not in use.

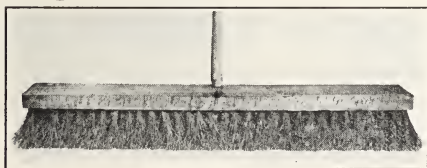
No.	Diam.	Length	Weight Filled	Price
10	14 in.	24 in.	250 lbs.	\$18.50
20	18 in.	24 in.	330 lbs.	22.25
30	24 in.	24 in.	440 lbs.	25.75
40	24 in.	32 in.	590 lbs.	28.00

DOUBLE  
HOPPERWHEELBARROW  
SEEDER

This seeder will sow grass seeds as well as heavy seeds of all kinds. It can be regulated to sow any quantity per acre the whole length (14 feet) of the hopper and it does not clog up. Full directions with each seeder. No. 9. Price \$20.00.

## BAKER'S HORSE LAWN SHOE

It is made of a steel plate turned up at the toe to protect the turf, with two riveted prongs that fit the horseshoe in front and a clamp that sets up to the heel. In ordering please send size of horseshoe from toe to heel, or a tracing of the shoe to insure a good fit. Per set, \$10.00.



## FIBRE TENNIS BROOMS

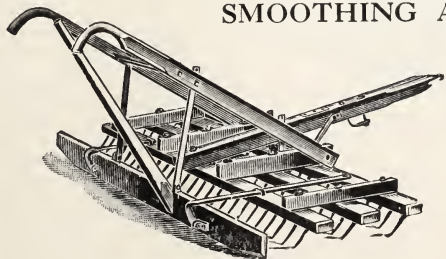
This Broom is made with fiber and is used for dragging Tennis Courts to smooth them after use or rain. Made in 36-inch capacity. Each \$7.00.

## Sod Perforator

Used for renovating bad spots in lawns, terraces, etc. In perforating the ground it permits the seeds to enter the soil and germinate quickly. Size 12 in. x 12 in. with handle. Each \$4.50.



## SMOOTHING AND LEVELING HARROW



With this tool every field can be made smooth and the soil pulverized fine enough for a flower bed. This harrow is also a great road maker. One man, with team, can make a perfect trotting track of any road. It is adjustable with a lever, by which the entire action is controlled by the driver, and he can remove at will all the earth possible for the team to haul, taking it from hills or uneven places and putting it into hollows to level up the field.

No. 6, one-horse, 6 ft., weight 140 lbs., \$27.25

No. 8, two-horse, 8 ft., \$31.50.

For other styles of Harrows see our Farm Equipment Catalogue.

## SPARK-PROOF INCINERATOR

Made with a Self Lifting Cover which is controlled by a foot lever. It is guaranteed to efficiently dispose of all the refuse and garbage that accumulates in the average household. Made with 16 gauge metal and coated with aluminum.

**Model A.** Capacity  $1\frac{1}{2}$  bushels. Diam. of body 15 in. Height over all 36 in. Weight 40 lbs. Price \$12.00.

**Model F.** Capacity  $2\frac{3}{4}$  bushels. Diam. of body 19 in. Height over all 48 in. Weight 60 lbs. Price \$18.00.

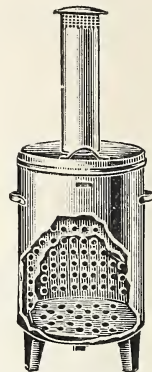
## BURN-ALL SPARK PROOF INCINERATOR

For quick and safe disposal of rubbish refuse and garbage for all home owners, private institutions, country-clubs, schools, farm houses, camps, resorts, parks, industrial plants, stores, estates, etc.

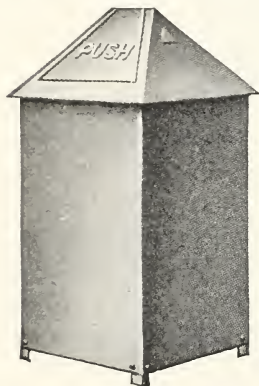
Made with 16 gauge sheet metal finished in aluminum color. It rests on strong metal legs and can be placed outdoor in any convenient place.

**No. 1 A.** Capacity  $2\frac{1}{4}$  bushels. Diameter of body 19 in. Height of body 26 in. Length of pipe 23 in. Price \$30.00. Weight crated 90 lbs.

**No. 4.** Capacity  $4\frac{1}{2}$  bushels. Diameter of body 24 in. Height of body 30 in. Length of pipe 26 in. Price \$57.50. Weight crated 135 lbs.



Burn All Incinerator



## SOLAR RECEPTACLES

Very useful for collecting papers, refuse, etc., about the buildings, roads and drives.

Cat. No.	Size of Base Inches	Body Height Inches	Height Over all Inches	Capacity Gallons	Inner Containers Furnished	Standard Finishes	Each
5	9x9	14 $\frac{1}{2}$	19	4 $\frac{1}{2}$	25 paper bags	French Grey	\$6.00
10	11 $\frac{1}{2}$ x11 $\frac{1}{2}$	18 $\frac{1}{4}$	24 $\frac{1}{4}$	9 $\frac{1}{2}$	25 paper bags	or	6.50
12	11 $\frac{1}{2}$ x11 $\frac{1}{2}$	27 $\frac{3}{4}$	34	18	1 galv. can	Olive Green	9.00
15	11 $\frac{1}{2}$ x11 $\frac{1}{2}$	35	41 $\frac{1}{4}$	23	1 galv. can		10.50
30	16x16	26 $\frac{3}{4}$	35	27	1 burlap bag	Green or	11.50
50	21x21	35	46 $\frac{1}{4}$	65	1 burlap bag	Grey	21.00
40	16x16	30 $\frac{1}{2}$	39	31	1 burlap bag	Green	17.00
60	21x21	36 $\frac{3}{4}$	47 $\frac{3}{4}$	65	1 burlap bag	Green	25.00

## RUSTIC BIRD HOUSES

The Rustic Bird Houses are made with Rustic Cedar and are very ornamental and attractive to all birds.

**No. 1 Log Cabin**, one-family house, 10 in. wide, 10 in. high... \$2.50 and \$2.75

**No. 2 Log Cabin**, two-family house, 10 in. wide, 12 in. high, 14 in. deep 4.00

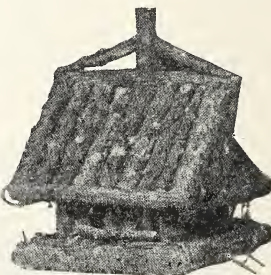
**No. 3 Log Cabin**, two-family house, 14 in. wide, 12 in. high, 17 in. deep 5.50

**No. 4 Log Cabin**, two-family house, 14 in. wide, 17 in. high, 16 in. deep 7.50

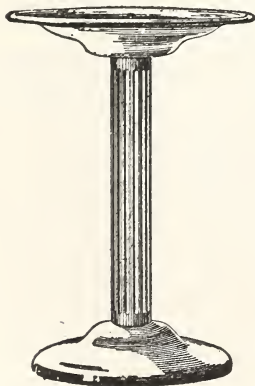
**No. 5 Wren House**, four-family house, 14 in. wide, 18 in. high, 19 in. deep 9.00

**No. 6 Hexagonal**, one-family house, 12 in. wide, 14 in. high, 19 in. deep 4.50

**No. 7 Twelve-room Martin House**, 24 in. wide, 22 in. deep..... 22.00



Bird House, No. 4 Log Cabin



## DE LUXE BIRD BATH

An attractive and useful ornament for any lawn or garden. It is made with metal, painted a natural cement color. It is supplied with a lawn sprinkler head, nozzle, elbow and hose coupling. Diameter at top, 17 in.; height, 25 in.. Each \$6.00.

## THE HARRIS DIRT BAND



Plants grown in Dirt Bands are not injured in transplanting, as the root system is not disturbed. The bands being square they do not take up as much room as pots and do not dry out so quickly. Bands also make an ideal cut worm guard when placed around the plant in the garden.

	100	1000
No. 1 $\frac{1}{4}$ B, size $1\frac{1}{4}$ x1 $\frac{1}{4}$ , depth $2\frac{1}{2}$ in....	\$0.50	\$3.50
No. 2 B, size 2x2, depth $2\frac{1}{2}$ in.....	.60	4.00
No. 3 B, size 3x3, depth 3 in.....	.70	5.00
No. 4 B, size 4x4, depth 3 in.....	.75	5.50

**CEDAR BEAN POLES**

Made from small Cedars with the spurs left on; 8 to 9 feet long, pointed to drive in the ground  
Doz. \$4.00, 100 \$30.00.

**"ADJUSTO"  
PLANT  
SUPPORT**

The "Adjusto" is a very simple, unbreakable, practical and cheap support which will last a lifetime.

It is adjusted in a "jiffy" to any height, to conform to the plant's growth. It is indispensable for Tomatoes, Roses, Hydrangeas and Dahlias.

The stake is made of hardwood having a protecting coat of green paint; the heavy spring wire is also painted green and so will not rust. Wires 13 inches in diameter.

Stakes  $\frac{3}{4}$  in. square,  
3 ft. height, complete.....\$2.40 per doz.  
4 ft. height, complete.....\$3.00 per doz.  
5 ft. height, complete.....\$3.60 per doz.  
Extra 13 in. wire loops (for use on the taller stakes and plants), \$1.80 per doz.  
2 ft. stake with wire  $4\frac{1}{4}$  in. diameter for pot plants and Carnations. 100 \$9.50..... .12 1.25

**ADJUSTO STAKES ONLY**

3 ft. stakes only.....\$1.20 per doz.  
4 ft. stakes only..... 1.50 per doz.  
5 ft. stakes only..... 1.80 per doz.

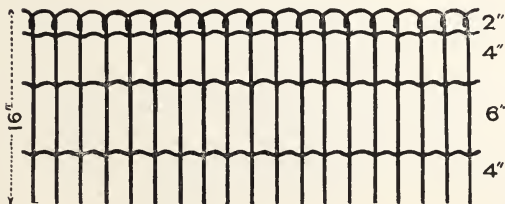
**FOLDUP PLANT SUPPORTS**

Made with No. 7 galvanized wire and do not rust. Suitable for Roses, Paeonies, etc.

No. 15. Three 28-in. legs. Ring 15 in. diameter.  
Each 30c., doz. \$3.00.

**TIME SAVER TRELLIS**

For Sweet Peas, Garden Peas and Vines. Made of a galvanized steel frame with non-fade green java rope. Size 5 ft. x 5 ft. over all; 4 ft. high when placed. Each \$2.50.

**FLOWER GUARD**

The Flower Guard forms an excellent protection to flower beds. The ends of pickets, extending below the lowest cable, are pushed in the ground and answer the purpose of posts.

Pickets No. 9 wire, spaced  $2\frac{1}{2}$  inches apart.

Made with steel wire and galvanized after weaving. Each scroll is welded.

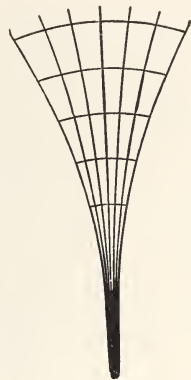
16 inches wide, per linear foot.....\$0.14  
22 inches wide, per linear foot..... .16  
16 inches wide, per roll 100 feet long.....10.00  
22 inches, per roll 100 feet long.....12.00

**FAN TRELLIS**

Very popular for training pot plants for windows or conservatories.

Height	Width	Each
18 in.	6 in.....	\$0.40
24 in.	10 in.....	.60
30 in.	13 in.....	.80
36 in.	16 in.....	1.40

All painted dark green.



Fan Trellis

**Tomato Stakes**

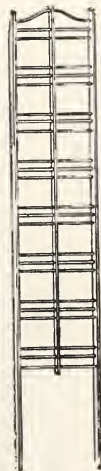
Made with Cypress, 1 inch square, 5 feet long, pointed at end. Doz. \$2.50, 100 \$14.00.

**LATTICE TRELLIS**

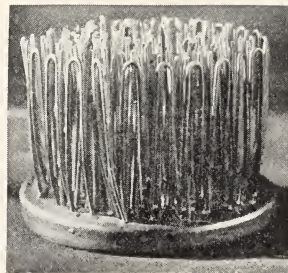
A substantial plant support for use around doors and windows for plants and vines. Made with three upright supports. Painted green. 8 ft. high, 18 in. wide. Each \$3.00.

**VERANDA TRELLIS**

Adapted for outdoor use for climbing vines and Roses. Painted green. 8 ft. high, 18 in. wide. Each \$3.00.

**FLOWER HOLDER**

Made with a lead base. This is the only flower holder that will not tip over. Adapted for shallow bowls and low center pieces for table decorations.  
With 2 in. base. Each \$1.00.  
With  $2\frac{3}{4}$  in. base. Each \$2.00.

**Bergman Lawn Mower Sharpener**

An individual sharpener which is adjustable to all types and makes of lawn mowers. No danger of making low spots in the blades as with a file, as a long, sweeping stroke with a Bergman grinds the blade evenly. Each \$1.00. Postage 10c. extra.

### AUTO-SPRAY PUMPS

No other style of sprayer will do such a variety of work, and do it so well. We recommend it for trees, shrubs, and vines, greenhouses, poultry houses, hospitals and stables for disinfectants, for sheep and cattle dip and cattle fly oils.

It may be used where any bucket or knapsack sprayer can be used, and with much more satisfaction. Even those who have commercial orchards and large power sprayers need the "Auto-Sprayer" No. 9 for small work.

**No. 9 B.** Brass tank, with "Auto-Pop" Nozzle, 3½ gals. Screw locking device. 24 in. extension rod. Weight empty 9 lbs. .... \$9.25

**No. 9 D.** Galvanized tank with "Auto-Pop" nozzle. .... 6.25

**Auto-Sprayer, No. 50 B.** Similar to No. 9, with a capacity of 2½ gals. only. .... 8.00

"Auto-Pop" nozzle with hose and connections. .... 2.00

"Auto-Pop" Nozzle. .... 1.50

Extension pipe, brass, 2 ft. lengths, each. .... .60

Elbow extension solid brass. .... .35

Set of soft and brass parts for No. 9. .... .50

Two row attachment, 1 nozzle 1.50



Auto Spray No. 9



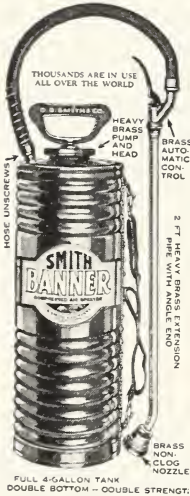
Auto Spray No. 50

### UTESIDE SPRAYER

A very handy sprayer for small work around the garden and whitewashing. Tank 17 in. by 6¼ in. Capacity 2½ gals. and automatic nozzle. Galvanized tank. Each \$4.00.

### BANNER No. 22 SPRAYER

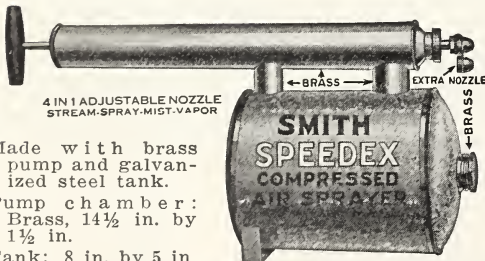
This sprayer is adapted for all spraying purposes, whitewashing and disinfecting. Tank 23 in. by 7½ in. capacity full 4 gals. Automatic nozzle for three different sprays; 2 ft. extension rod. No. 22 Brass tank, \$9.00.



Banner Spray

### SPRA-RITE KNAPSACK SPRAYER

A convenient sprayer for garden or greenhouse work. Tank holds 4 gals., made with brass and pump bronze. Has 3 feet of ¾ in. hose, brass strainer and automatic shut-off nozzle. Fig. No. 1002. \$18.75.



Made with brass pump and galvanized steel tank.

Pump chamber: Brass, 14½ in. by 1½ in.

Tank: 8 in. by 5 in.

Capacity: 3 quarts. Each \$2.00.

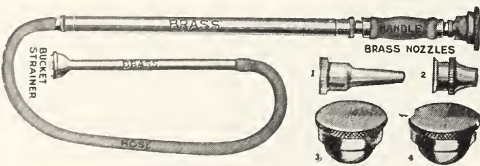
### JIM DANDY HAND SPRAYER



Adapted for spraying vegetables and flowers, small fruits, etc.; also valuable for spraying disinfectants in buildings. Capacity 2 quarts. Each \$3.50.

### No. 45 STURDY SPRAY PUMP

The Sturdy is made with all brass parts, it may be used in pail or can. Four nozzles for all kinds of spraying. Easily operated by one man. Each \$4.50. Extension rods, 24 inches. Each 60c.



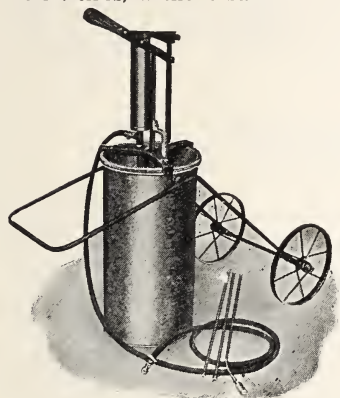
Sturdy Spray Pump No. 45

## "POMONA" BARREL SPRAY PUMP

**Very Powerful and Large Capacity—All Working Parts Bronze**

The best orchard barrel sprayer. It is unusually powerful and of large capacity, fully capable of supplying four leads of hose and eight nozzles. There is nothing about the Sprayer to get out of order, and with ordinary care it will last a lifetime.

<b>Pump</b> , with Agitator and Hose Coupling.....	\$22.00
<b>Outfit C</b> , Pump with Agitator, one lead 15 ft., Discharge Hose, and Mistry Jr. Nozzle.....	28.25
<b>Outfit D</b> , Pump with Agitator, two leads, 15 ft. each, Hose and two Mistry Jr. Spray Nozzles.....	34.50
<b>Barrel furnished for above and mounting</b> .....	11.00
<b>Bamboo Extension</b> , 10 ft. long. A brass tube inserted in a bamboo rod. Fitted with brass stop-cock.....	4.50
<b>Iron Pipe Extension</b> , 8 ft. long. Fitted with stop-cock.....	3.50
<b>Barrel Cart</b> , For mounting the above Sprayers. Wheels with 3 in. tires, without barrel.....	18.00

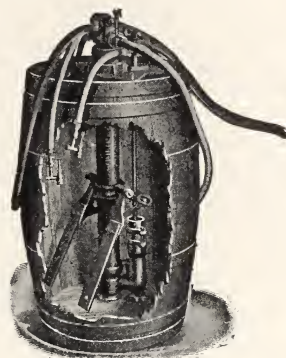


Paragon Sprayer No. 3

## PARAGON No. 3 SPRAYER

For spraying trees, vegetables, whitewashing or water paints. Mounted on a strong metal truck and can easily be wheeled to any desirable place. All liquid passes through the automatic, self-cleaning strainer before entering the pump, and cannot clog the nozzle when spraying.

Equipment: 10 ft. Special Spray Hose, 7½ ft. Extension Pipe, one Mist Nozzle, one Steel Cap, one Straight Spray. Any additional length of hose can be furnished at a reasonable extra charge. Capacity 12 gallons, galvanized tank. Price, \$25.00. Without truck, \$21.50.

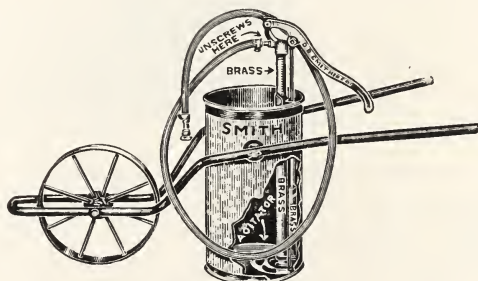


## SMITH No. 50 SPRAYER

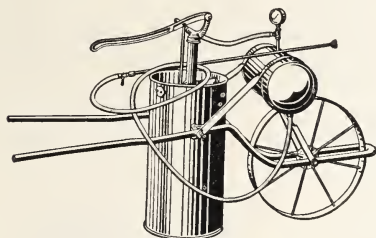
This Wheelbarrow sprayer may be used for spraying, whitewashing or for disinfectants. The pump is all brass, tank brass. Capacity 12 gal., hose 8 ft. with brass nozzle.

**No. 50B.** Galvanized tank. \$20.00.

**No. 50G.** Brass tank. \$25.00.



Smith No. 50 Sprayer

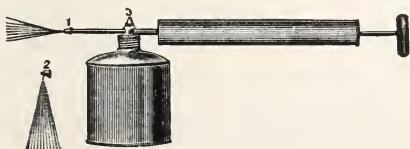


Brown's Mighty Sprayer

## BROWN'S MIGHTY SPRAYER

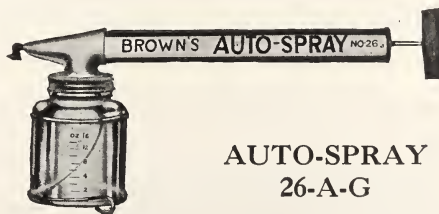
A fifteen gallon wheelbarrow sprayer with corrugated bucket, heavy duty pump, high pressure air tank, truck frame and 18 inch wheel. Eight feet of hose and 2 ft. 8 in. iron extension. Wheel 18 in., 2½ in. tire. Complete sprayer \$36.00.

## COMPRESSED AIR SPRAYERS



These Patent Sprayers give a continuous spray, reduce the liquid to a fine, mist-like vapor and throw it with great force, so that it is driven into the smallest cracks and crevices. By means of the universal nozzle the spray can be thrown on the underside of the leaves of plants and shrubs.

<b>Blizzard C.</b> Copper tank, brass pump.....	\$2.00
<b>No. 65.</b> Brass pump, glass reservoir.....	1.25



**AUTO-SPRAY**  
26-A-G

A continuous Sprayer with a glass tank which can easily be cleaned. Capacity one quart. Angle and straight nozzle. Each \$1.25.

## POWER SPRAYERS

We shall be pleased to send complete Catalogues of Power Sprayers upon request.

## HYDRO-AIR POWER SPRAY

This sprayer requires only to be connected to your faucet or hose for the power to operate it. The even pressure of the water connection causes an even and constant spray of the insecticide used in the tank. It operates perfectly on any length of hose and makes a perfect sprayer for greenhouse use or for locations where garden hose can be used. Capacity 5 gallons. 3 feet of  $\frac{3}{4}$  inch hose for inlet and  $10\frac{1}{2}$  ft. spray hose with automatic nonclog nozzle. Weight 30 lbs. Price \$30.00. Carriage for sprayer, \$8.00.



Hydro-Air Power Sprayer

## THE MYER'S POWER SPRAY GUN

MYERS SPRAY GUN.  
LONG DISTANCE SPRAY



This gun utilizes the entire capacity of any power spray pump and does away with all bamboo extensions, nozzles and fittings. It can be adjusted to make a long or short distance spray and is fitted for  $\frac{3}{4}$ -inch hose coupling and  $\frac{1}{4}$ -inch pipe. Each \$7.00.



## VERMORS BRASS SPRAYER

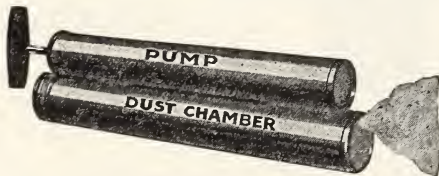
A compact, durable and efficient sprayer. The diaphragm pump is easy to operate. Capacity about four gallons. \$20.00.



## BROWN'S CRYSTAL DUSTER

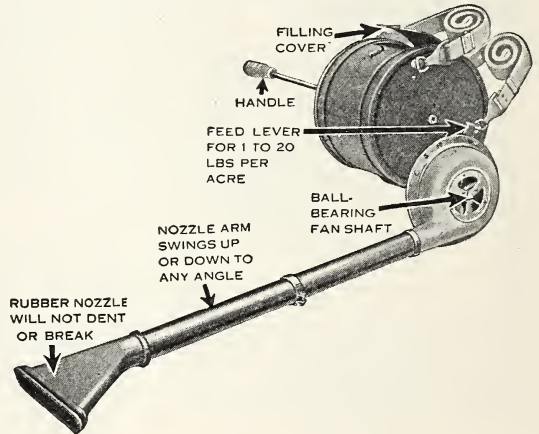
This duster may be used for dusting orchards, garden truck, flowers, poultry houses or Cyanogas. Glass jar one quart, continuous discharge, fan shaped spreader. Each \$1.25.

## DOUBLE BARREL DUST GUN



Will dust all kinds of insecticides; has large dust chamber which is easily filled. Length,  $13\frac{1}{2}$  inches. Each 75c.

## THE SAVAGE DUSTER

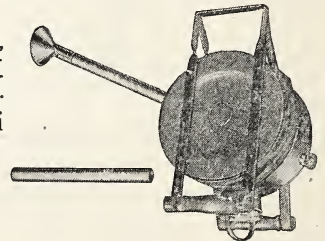


This duster is made with the finest material and will stand long, hard service. Capacity 7 to 10 lbs. of powder. Adapted for use in dusting all kinds of plants. Easy to carry and operate. Weight, packed, 15 lbs. Price \$20.00.

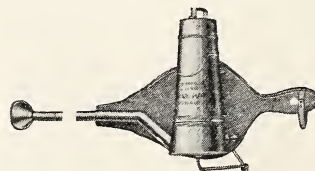
## PLATZ GREEN HAND DUSTER

A light, compact, sturdy and efficient duster. Capacity 2 to 4 lbs. 30 inch extension. Large, powerful bellows.

Each \$6.00.



## PLATZ FAMOUS HAND DUSTER



Regulator is adjustable, bellows of best leather. Extension pipe 24 in. Capacity 1 lb.

Each \$5.00.

## FOILAGE HOSE SPRAYER



This sprayer eliminates the work of hand spraying, the water pressure does the work. Simply put the spray material in the container and the pressure of the water in using the hose will do the mixing and spraying at the same time. Foilage Hose Sprayer and 2 oz. of Foilage Insecticide, \$1.50. Extra Foilage Insecticide, 2 oz. 35c. 8 oz. \$1.00.



### Garden Insecticide

For use with the Foilage Sprayer. A non-poisonous Insecticide for killing Aphids, Caterpillars, Thrips, Red Spider, Beetles, etc. 2 oz. 35c. 8 oz. \$1.00.

## ELLISCO BEETLE CATCHERS

This beetle trap is the result of scientific researches on the destruction of the Japanese Beetle. Improvements in the trap simplify its use and increase its efficiency; the vertical wing, with perforated bait lure, attracts and holds even the most elusive of these beetles and holds them directly over the funnel into which they drop. Need be baited only once a season; bait sold separately, with full directions.

**Type 1.** A medium size trap, without mason jar. Each 75c. Bait 60c. additional.

**Type 3** as illustrated, without mason jar. Each \$2.00. Bait, ½ pt. 60c. additional

**Acme Beetle Bait.** ½ pt. can for use with trap, 60c.



## CELERY BLEACHERS

The home grower and private gardener will find this an ideal system of bleaching Celery—handy, neat and just the thing to bleach a few stalks every few days as wanted.

It only takes a week or ten days after putting on these bleachers when your Celery will be a beautiful white, and all ready for the table. No banking with soil, no hunting up boards, and it produces better results on early Celery. The same bleachers can be used over and over again the same season.

Size 7x14, 70c. per doz., \$4.50 per 100, \$40.00 per 1000.

## CELERY HANDLER

For putting on bleachers. Each \$1.50. Brass \$2.50.

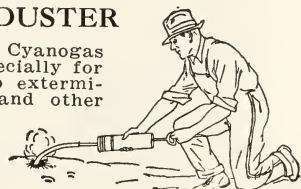


## BRASS BUCKET SPRAYERS

This Spray Pump is especially designed for spraying in gardens and greenhouses. The pump is double acting in effect, has gutta percha ball valves. Foot piece is malleable iron. The pump end of discharge hose is wire wound. Each \$6.00.

## CYANOGAS DUSTER

The No. 1 Special Cyanogas Duster is made specially for using Cyanogas to exterminate rats, moles and other vermin. It has a 10 in. by 2½ in. barrel and an 11 in. rubber extension. Each \$1.25.



## RODENT POISON STATIONS

A very effective method of destroying field mice. The Poison Bait is placed in the Glass Station which is accessible only for mice. No other animals can reach it and the bait cannot be destroyed by weather conditions.

**Rodent Stations.** Each 25c., doz. \$2.50, gross \$20.00.

**Poison Bait.** Per lb. 35c., 10 lbs. \$3.00, 25 lbs. \$7.00.



## "RAT CORN"

No odors or smells.

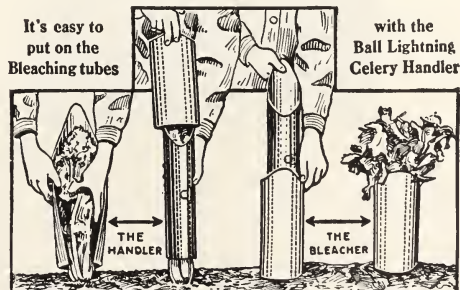
It mummifies them. No matter where they die they simply DRY UP. Positively do not smell.



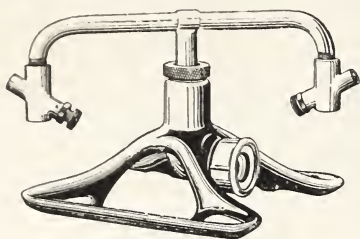
Rat Corn is a new and scientific discovery, and without a doubt the greatest rat destroyer in the world; the only one that kills rats without any bad, dangerous or disagreeable effects. A trial will convince you. 25c., 50c. and \$1.00 per can.

## RAT POISON "ZELIO" PASTE

A powerful poison for rats, mice and squirrels. The paste is easily applied to bread and is without taste or odor. 2 oz. tubes, 50c.; 8 oz. cans, \$1.50.

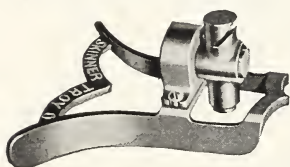


## WHIRLING SHOWER SPRINKLER



An adjustable revolving sprinkler which will cover an area of 60 feet. All made with brass except malleable iron base. Each \$2.50.

## THE TU-WAY SPRINKLER



Can be used as a circle sprinkler or by giving the nozzle a half turn you have a sprinkler for a half circle to use for borders without wetting the sidewalk. Each \$1.25.

## RAIN KING SPRINKLER



The Rain King is a real innovation in the sprinkler line, and radically different from any other sprinkler ever made. A most wonderful variety of uses. Circular or stationary spray, fine or coarse, fast or slow; large lawn, small lawn, trees, shrubs, flower beds, takes care of them all. Small, compact, easily handled. Simple adjustments. For Putting Greens it is excellent. Each \$3.50.

## CIRCULAR TREE SPRINKLER



A new sprinkler, specially designed to water trees at one operation. It saves time, labor, and money. It will water your trees more efficiently than by any other known method.

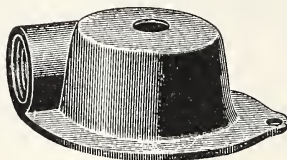
No. 1. Four feet in diameter.....\$17.50  
No. 2. Three feet in diameter..... 15.00  
No. 3. Two feet in diameter..... 13.75  
Add \$5.00 each if Quick-as-Wink couplings are wanted.

## CALIFORNIA SPRINKLER

This is the most popular Sprinkler on the market. It has four brass arms and is mounted on a sled, so that it can be easily dragged over the lawn without turning off the water. Price \$2.00.



## "C. B. G." SPRINKLER



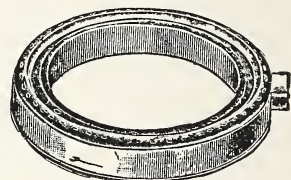
The C. B. G. Sprinkler is built on the principle of the tangential spray. Simple in construction and cannot get out of order. Each 40c.

## BRASS FOUNTAIN SPRINKLER

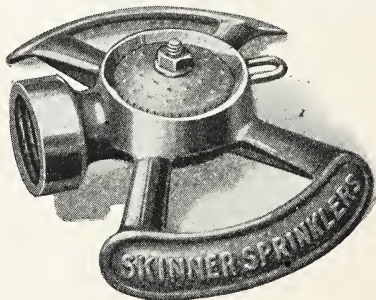
Very simple in construction.

Cannot rust or get out of order.

Will not injure the lawn. Requires only ordinary pressure of water. Price 75c. each.



## THE SAUCER LAWN SPRINKLER



The Saucer Sprinkler will cover a circle of from 30 to 50 feet, distributing the water like a refreshing rain. With each sprinkler is a half cap which can be used for a fan-shaped mist over a space of 30 by 20 feet. Simply remove the full cap and replace the half cap and it is transformed into a half spray. Each 75c.

THE "SKINNER"  
LAWN MIST SPRINKLER

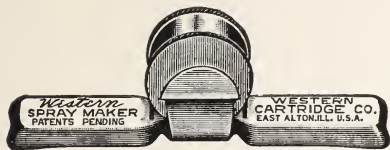
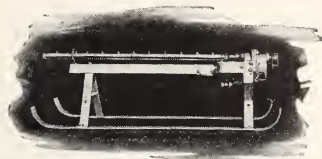
For lawns, vegetables or flowers this Sprinkler throws the finest mist that can be used out of doors. Mounted on two wheels and a caster. Length 15 feet, five-spray clusters, 36 inches apart. Total 15 nozzles. Each \$14.00, f.o.b. Troy, O.

PEACOCK STANDARD  
SPRINKLER

Made to cover large areas in lengths of 12½ feet. Seven spray clusters of eight nozzles each. Total 56 nozzles. Mounted on a wheel truck at one end. Length 12 ½ ft. \$20.00 f.o.b. Troy, O.

## WATER FAN LAWN SPRINKLERS

The Water Fan is an automatic oscillating rain making machine. It is light, weight only 6½ lbs., strongly built of brass and phosphor bronze and will work on a low or high pressure. No. 7 will cover an area of 40 x 45 feet with fine gentle even rain like distribution. Each \$16.50.

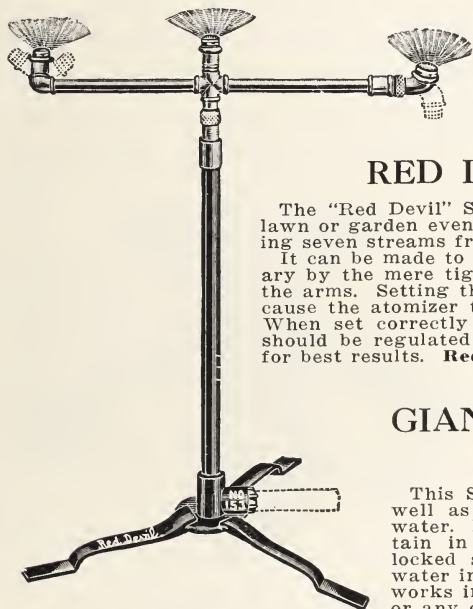
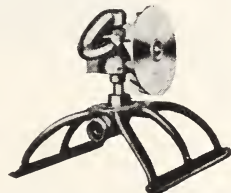


## SPRAY MAKER LAWN SPRINKLER

The Lawn Sprinkler that you can move without getting wet. Instead of sprinkling in a circle it sprinkles in a rectangular shape. It can also be used as a hose nozzle if desired. All parts made of solid brass. Each 60c.

## DOUBLE ROTARY LAWN SPRINKLER

This Sprinkler will cover an area up to 80 feet in diameter, giving an equal distribution over the entire area; it is easily regulated to cover smaller areas. It works best on a water pressure of not less than 30 pounds pressure. The gears of hardened steel and bronze are enclosed and run in oil. \$12.50 each.



Red Devil Lawn Sprinkler

## MARCH AUTOMATIC RAINMAKER

A miniature overhead system on wheels which allows easy moving. It can be attached to garden hose with minimum 25 lbs. pressure. Three foot length. Covers 12,000 sq. ft. Each \$35.00. Six foot length. Covers 1,800 sq. ft. Each \$40.00. Ten foot length. Covers 2,400 sq. ft. Each \$45.00.

## RED DEVIL LAWN SPRINKLER

The "Red Devil" Sprinkler is the only correct method of watering your lawn or garden evenly without waste of water. It sprays perfectly, throwing seven streams from each head that break into a mist-like cloud.

It can be made to revolve at any speed, or made stationary by the mere tightening of the set screw collar below the arms. Setting the water heads at different angles will cause the atomizer to irrigate over a large or small area. When set correctly it will cover an area of 70 feet. It should be regulated to revolve forty times to the minute for best results. Red Devil, No. 153. Each \$10.00.



## GIANT RAIN KING LAWN SPRINKLER

This Sprinkler is adjustable to height as well as distance, direction and volume of water. It plays like a gorgeous spiral fountain in any circle up to 90 feet. Easily locked so it won't revolve, or will throw water in 1, 2, 3 or 4 directions. Each nozzle works independently, throwing solid stream or any desired spray. It stands 4 feet high and has 20-inch arms. Price \$14.00.

## AUTOMATIC LAWN-VEX

This simple device makes it possible for you to fertilize your lawn as you sprinkle. The Vex is an enameled brass cylinder 12 in. long and 3 in. diameter. It has two hose connections. One for the faucet, the other for the water to pass out through the hose charged with the lawn fertilizer. The cylinder contains a cartridge of Lawn Vex sufficient for a plot 40 x 60 ft. Vex Container and Cartridge, \$4.85. Extra Cartridges \$1.45 each.



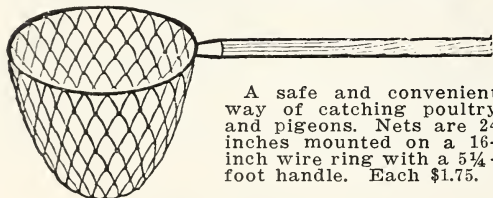
Automatic Lawn-Vex



## SPRAYIT PLANTILIZER

The new and easy way to fertilize your lawn or garden as you sprinkle with the Sprayit Plantilizer.. Just remove the nozzle from the hose and attach the Plantilizer and turn on the water. Complete with 5 Cartridges, \$1.00. Refill Cartridges, set of 5 for 25c.

All the Buckeye Incubators are hot water heating system and guaranteed to do everything they claim.



A safe and convenient way of catching poultry and pigeons. Nets are 24 inches mounted on a 16-inch wire ring with a 5¼-foot handle. Each \$1.75.

The Blue Hen is designed right and built right. It is easy to operate and requires but very little attention because of its sensitive automatic regulation. It has extra large coal capacity which enables it to hold the fire 12 hours. The cast iron heater is powerful. It heats quickly and holds a steady fire because of its large grate area.

**No. 11. Service Brooder.** Capacity 500 chicks.  
Diameter of hover 42 in. Shipping weight 78  
lbs. Price \$15.75.

**No. 50. Blue Hen Brooder.** Capacity 1000 chicks.  
Diameter of hover 54 in. Coal capacity 50 lbs.  
Shipping weight 160 lbs. Price \$30.00.

**F.O.B. Lancaster, Pa.**

**Egg Preserver.** Water glass. One quart with water for 15 doz. eggs. Gal. \$1.25.

Duplex.	4 qt.	\$1.15
Duplex.	8 qt.	1.40
"Thermo."	1 gal.	2.25
"Thermo."	2 gals.	2.75

Oakes.	12 in.	No. 1	.....	\$1.75
Oakes.	18 in.	No. 2	.....	2.25
Oakes.	24 in.	No. 3	.....	2.75
Junior Chick.	12 in.		.....	.35
Junior Chick.	20 in.		.....	.50
Moe's Round.		No. 12	.....	.35

**Leg Bands.** Spirol. Colored. 100 \$1.00.

**Nest Eggs, China.** 3 for 10c., doz. 35c.

Collins.	5 pans.....	\$3.00
Collins.	8 pans.....	4.00

<b>Poultry Knives.</b>	Pilling.....	.65
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**Poultry Punches.** Moe's Clip and Punch. Each 30c.

**Thermometers.** Brooder. Each \$1.00.

Incubator. "Tycos." Each \$1.00.

**Hygrometer.** An indicator to show the moisture conditions in the incubator. Each \$1.75.

<b>Model 65.</b>	Capacity 75 eggs.....	\$18.50
<b>Model 66.</b>	Capacity 143 eggs.....	39.50
<b>Model 67.</b>	Capacity 286 eggs.....	57.75
<b>Model 68.</b>	Capacity 416 eggs.....	76.50
<b>Model 69.</b>	Capacity 576 eggs.....	97.50

Models 66 to 69 are furnished with Automatic Egg Turners and are approved by the National Board of Fire Underwriters.

Buckeye Coal-Burning Brooders are guaranteed to be exactly as represented and to be absolutely satisfactory when operated with maker's instructions.

**No. 117.** Capacity 350 chicks. Hover 42 in. diameter. Coal capacity 23 lbs., \$15.00.

**No. 118.** Capacity 500 chicks. Hover 52 in. diameter. Coal capacity 36 lbs., \$17.50.

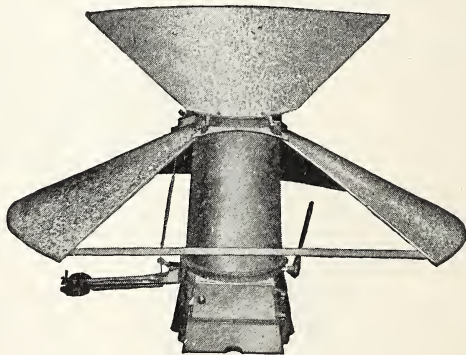
**No. 119.** Capacity 1000 chicks. Hover 56 in. diameter. Coal capacity 58 lbs., \$22.50.

**No. 27A. Blue Flame Brooder.** Capacity up to 200 chicks. \$14.50.

**No. 28A. Blue Flame Brooder.** Capacity up to 350 chicks. \$15.50.

**No. 29A. Blue Flame Brooder.** Capacity 500 chicks.  
\$18.50.

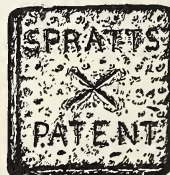
Descriptive catalog of the above  
mailed on request.



### Blue Hen Brooder

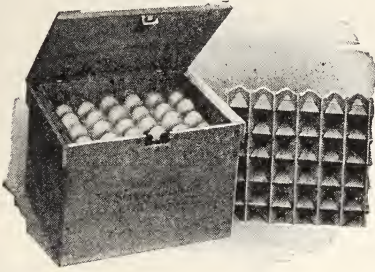
This machine will grind dry bones, shells or grain, either fine or coarse. It will make excellent grit out of old crockery, melted glass, etc. Hand wheel 20 in. Hopper  $2\frac{1}{2}$  x  $3\frac{3}{4}$  x 4 in. Weight 33 lbs. To bolt on table or bench. No. 1, \$7.50.

**Vegetable Dog Cakes.** The standard dog food. Used at the leading kennels and dog shows throughout the world. A staple and constant food for all breeds of dogs. 25 lbs. \$4.50, 100 lbs. \$16.00.



## EGG BOXES AND CRATES

### SURETY CUSHION WOODEN EGG CRATES



Easier and quicker to pack than ordinary egg crates. The trays are inverted one above the other which holds the eggs from coming in contact with each other. Two-doz. size, each \$2.00; 4-doz. size \$2.25; 6-doz. size \$2.50; 8-doz. size \$2.75; 10-doz. size \$3.00; 12-doz. size \$3.25.

**Extra Filler Sets** for 2, 4, 6, 8 and 12 doz. size cases. 25 trays \$4.00.

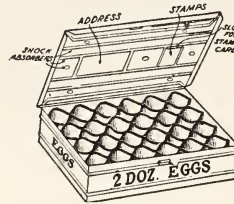
When ordering extra fillers, kindly state what size egg crate they are wanted for.

### FOLDING PAPER EGG BOXES

Convenient for carrying a dozen eggs to local customers. Doz. 25c., 50 for 70c., 100 \$1.20, 1000 \$10.00.

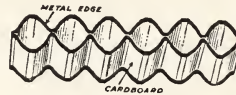
### METAL EGG CRATES

Buy eggs by mail from your country friends shipped in aluminized



Indestructible; pays for itself in a few shipments; lasts for years; makes interchangeable shipping easy. Buy yours now and realize more money for your eggs. Your friends want them.

**The Metal Edge Filler** is a wonder. A new invention and cannot be beat for safely carrying eggs by mail. Light in weight but strong.

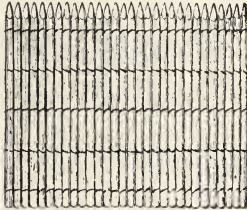


Reversible address cards are placed over eggs, address visible through opening in lid. Names of shipper and receiver are placed on each side of this card.

Write us about Butter-Egg Crates.

Prices	Prices
1-dozen size.....\$1.00	4 dozen size.....\$2.00
2-dozen size..... 1.50	6-dozen size..... 2.50
3-dozen size..... 1.75	9-dozen size..... 3.25

Add postage for 3 lbs. to the price for each 150 miles if wanted by mail.

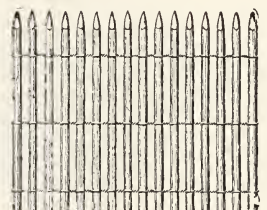


**DUBOIS**  
WOVEN WOOD FENCE

### DUBOIS WOVEN WOOD FENCE

It is made of split, live chestnut saplings and woven together with rust-proof heavy wire. It is shipped in 5 ft. sections and is easily handled.

18 in. high, per foot.....	\$0.75
3 ft. 10 in. high, per foot.....	1.45
2-dozen size.....	1.65
4 ft. 11 in. high, per foot.....	1.95
6 ft. 6 in. high, per foot.....	2.45
8 ft. high, per foot.....	2.85
10 ft. high, per foot.....	



**DUBOIS CLEFT**  
CHESTNUT FENCING

### CLEFT CHESTNUT FENCING

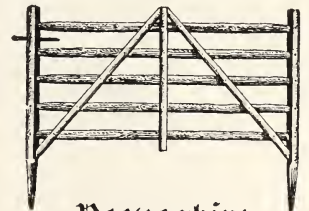
This Fence is similar to the above only that the saplings are spaced one inch apart.  
3 ft. 10 in. high, per foot 65c. 4 ft. 11 in. high, per foot 80c. 6 ft. 6 in. high, per foot \$1.10  
Gates can be furnished for either of the above fencing. Illustrated booklet mailed on request.

### PORTABLE WOOD HURDLES

They are suitable for inclosing and dividing lots or plots to suit any requirement on a gentleman's country seat, or for farmers' use in general. Made with split chestnut. They measure 8 ft. 3 in. in length.

With 4 bars, suitable for horses and cows, per 100.....	\$225.00
With 5 bars, suitable for sheep, per 100.....	235.00
4-bar Hurdle Gate, 10 ft. long, each.....	5.75
5-bar Hurdle Gate, 10 ft. long, each.....	6.50

Prices subject to change. F.O.B. Dutchess Co., N. Y.

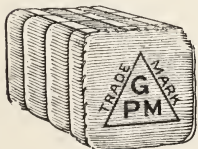


**Reeveshire**  
HURDLE FENCE

### REEVESHIRE ENGLISH TYPE HURDLES

With 4 bars, 8 ft. 3 in. long. Each.....	\$2.75	With 5 bars, 8 ft. 3 in. long. Each.....	\$2.95
Gates, 10 ft. long, 4 bars. Each.....	8.00	Gates, 10 ft. long, 5 bars. Each.....	8.25

Prices F.O.B. Rails, West Virginia.



### PEAT MOSS. Torf Mull

Granulated Peat Moss should be used liberally about the garden or greenhouse, for pot plants, window boxes and growing bulbs, etc. It is also useful for mulching perennial beds, lawns, Roses, etc., and mixing with sandy or clayey soils.

Small bale, enough to cover 16 square feet 1 inch deep. Weight 15 lbs.	
Postage extra.....	\$1.50
Large bale, 13 cubic feet, covers 240 square feet 1 inch deep.....	4.50

## GARDENERS' BASKETS

Adapted for gathering Fruits, Vegetables, Flowers and other purposes around the garden or greenhouse.

Made with splint and bamboo bound with metal straps. Very strong and durable.

No. 1 size 19 in. x 11½ in. x 7 in. deep.....	\$2.00
No. 2 size 20½ in. x 13 in. x 7 in. deep.....	2.25
No. 3 size 23 in. x 14½ in. x 8 in. deep.....	2.50
No. 4 size 24 in. x 15½ in. x 9 in. deep.....	2.75
No. 5 size 30 in. x 20 in. x 11 in. deep.....	3.25

## GENERAL FARM BASKETS

Made with best oak splint, reinforced with hoops. Handy for carrying leaves, rubbish, wood, coal, etc.

1 bushel size....Each \$2.00	2 bushel size....Each \$3.00
1½ bushel size....Each 2.50	3 bushel size....Each 3.50

## STRAWBERRY BASKETS

Useful for gathering strawberries and raspberries. Pint size. Per 100 \$1.25. Per 1000 \$11.00. One quart size. Per 100 \$1.50. Per 1000 \$13.00. 2 quart size per 100 \$3.00. 3 quart size per 100 \$3.50. 4 quart size per 100 \$4.00.

## PICKING BASKETS

Used for gathering apples, pears and other varieties of fruit. ½ bushel size with drop handle, each \$1.25.

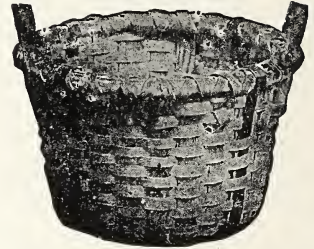
## FLOWER AND FRUIT BASKETS

A handy basket for gathering flowers, vegetables and fruits.

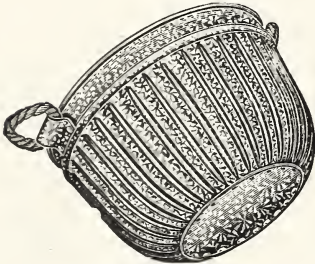
Medium size, No. 2, 20 x 12 x 3½ in.....	Each \$1.25
Large size, No. 3, 24 x 12 x 3½ in.....	Each 1.50



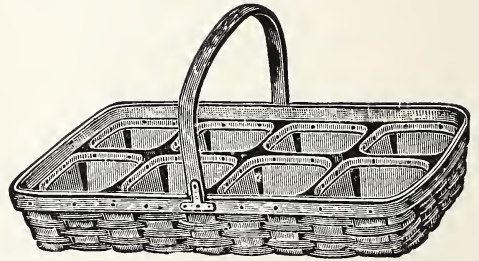
Gardeners Basket



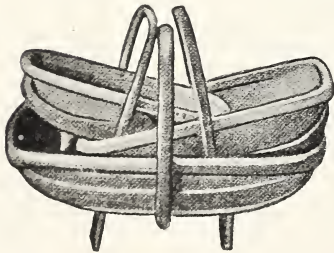
Farm Basket



Galvanized Basket



Flower and Fruit Basket



English Basket



Flower Basket

## GALVANIZED BASKETS

This basket will give longer and better use than any other basket. The bottoms are double thickness, securely riveted and the top has a steel bar rolled in the top edge.

Useful for vegetables, rubbish and all kinds of garden or farm work.

Also for carrying water, washing pots in, or mixing insecticides.

No. 0. ¾ bush. Each \$2.00.	No. 1. 1 bush. \$2.50.	No. 2. 2 bush. \$3.00.
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## ENGLISH GARDEN BASKETS

Made with wood with strong wooden handle and feet. Handy for cut flowers and vegetables.

No. 2. 11½ in. long, 6 in. wide.....	Each \$1.25
No. 4. 15 in. long, 8 in. wide.....	Each 2.00
No. 6. 18½ in. long, 10 in. wide.....	Each 2.50
No. 8. 23 in. long, 12 in. wide.....	Each 3.75

## FLOWER GATHERING BASKET

A well made willow basket, 16½ inches long, 3 inches deep in the center and 10 inches wide; 10-inch bow handle with holder for scissors on the side. Each \$4.00.

## RUSTIC HANGING BASKETS

Made from laurel roots, elegantly finished and rattan handle. These baskets cannot be equaled in style, finish or make. They will stand severe weather, and with a little care are good for 10 to 12 years' wear. Each, 10 in., \$2.25; 12 in., \$2.50; 15 in., \$3.50.



A mine of information in each book. Here is a list of standard books written by practical men in language that can easily be understood. **Sound, snappy and full of meat. No matter** whether you are a beginner or an old hand at the business, you can learn something from these volumes.

## FRUITS, FLOWERS, GARDENING, ETC.

Annuals, A Little Book of. A. C. Hottes.....	\$1.50	Lawn, The. L. S. Dickson.....	1.25
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We shall be pleased to supply any books not listed above at advertised prices.

# FERTILIZERS

## MARSHALL'S MATCHLESS LAWN DRESSING

FOR LAWNS, FLOWER BEDS, BORDERS, SHRUBS AND TREES

Marshall's Matchless Fertilizer consists of a scientific blending of organic compounds that offer immediate nourishment to the grass and plants and gradually become available under the action of the soil bacteria.

All the necessary plant food elements including Nitrogen, Potassium and Phosphates are furnished in a perfect balanced ration.

It is many times more effective than natural manures without producing objectionable odors and free of weed seeds.

For new Lawns broadcast 30 to 40 pounds per 1,000 square feet. For top dressing Lawns use 20 pounds per 1,000 square feet. For Gardens use 25 to 35 pounds per 1,000 square feet. For shrubs in beds use 40 pounds per 1,000 square feet.

100 lbs. \$5.50, 500 lbs. \$27.50, ½ ton \$50.00, ton \$90.00.

### BONE MEAL

This bone meal is made from the best quality of bone and finely pulverized. Valuable for top dressing lawns, Roses, flowers and vegetables. Apply about 1,000 lbs. per acre or 5 lbs. to 100 sq. ft. 5 lbs. 50c., 10 lbs. 90c., 50 lbs. \$2.50, 100 lbs. \$4.50, 200 lbs. \$8.00, ton \$60.00.

### BONE, PURE RAW

A coarser ground grade of bone than the Bone Meal 100 lbs. \$5.00, ton \$70.00.

### BONE, COARSE

A coarse grade, well adapted for Grape vine and Rose borders. 100 lbs. \$7.00.

### BLOOD AND BONE

It is of value for garden crops, fruit trees, Grape vines, etc. For garden crops, drill in 300 to 500 lbs. per acre. 50 lbs. \$3.50, 100 lbs. \$6.00.

### BON ARBOR

This plant food has a wonderful effect on plant life. It is good for flowering plants of all kinds, vegetables, fruits and shade trees, lawn, etc. 5-lb. pkg. \$2.50, 50 lbs. \$18.00.

### CARNATION FOOD

This Carnation food is not a chemical stimulant, but an evenly balanced ration to produce a natural growth, vitality and productiveness. 100-lb. bag \$8.00.

### CATTLE MANURE (SHREDDED)

A natural fertilizer for garden crops and lawns. 100 lb. \$4.50, ton \$70.00.

### CHARCOAL

Useful for sweetening sour soils or mixing with potting soil. Coarse or fine. 100 lbs. \$5.50. Very coarse, per bag \$5.00.

### CLAY'S FERTILIZER

Highly recommended by leading horticulturists in the cultivation of flowers, fruits and vegetables for exhibition, etc. 56 lbs. \$7.00, 112 lbs. \$12.00.

### DAHLIA FERTILIZER

Red Seal brand of fertilizer containing a large percentage of Phosphoric Acid and 7% Potash, the requirements for growing large Dahlias. 100 lb. bag \$4.00.

### DRICONURE

A combination of dry Cow Manure and Peat Moss suitable for Lawns, Borders and Mulching. Free from any objectionable odor. A 50 lb. bag contains about 3 bushels of manure. 50 lb. bag \$3.00, 20 bags for \$40.00.

### DRIED BLOOD

For top dressing, mixing with the soil and applying in liquid form, it is one of the best and safest nitrogenous fertilizers. 100 lbs. \$8.00.

### FLORANID (UREA)

An organic nitrogen fertilizer for flowers, fruits, vegetables or lawns. A quick acting stimulant containing 46% of available nitrogen. 1 lb. tin 25c., 10 lbs. \$1.50, 25 lbs. \$2.75, 50 lbs. \$4.75.



### FERTILIS TABLETS

A concentrated stimulant in tablet form, easy to use, clean and odorless. 50 tablets 25c., 1,000 tablets \$3.00.

### HUMUS

Valuable for all garden purposes, including lawn and greenhouse plants. 100-lb. bag \$2.50, 500 lbs. in bags \$10.00, ton in bags \$30.00, f.o.b. Warbasse, N. J.

### LIME, HYDRATED

For correcting acids in soils use 10 lbs. for 200 sq. ft. of ground. 5 lbs. 30c., 10 lbs. 50c., 50 lbs. \$1.50, 100 lbs. \$2.50, ton \$35.00.

### LILY FOOD

A specially prepared stimulant for Lilies. 5 lbs. \$1.50, 25 lbs. \$6.00, 100 lbs. \$15.00.

### LIMESTONE, GROUND

A very finely screened ground Limestone. Useful for sour soils and to correct improper conditions of the soil. Ton \$10.00, f.o.b. West Stockbridge, Mass. or Lime Crest, N. J.

### LOMA

For lawns, flowering plants and vegetables. A scientifically prepared plant food that gives you startling results. 1 lb. 25c., 5 lbs. 50c., 10 lbs. 85c., 25 lbs. \$1.75, 50 lbs. \$3.25, 100 lbs. \$5.50.

### NITRATE OF SODA

It is valuable for grain, Corn, Beets, Potatoes, grasses, Peas, Beans, Clover, etc. Being extremely soluble it should not be applied until the plants are above ground. 1 lb. 15c., 5 lbs. 60c., 10 lbs. \$1.00, 50 lbs. \$3.50, 100 lbs. \$6.00.

### NITROPHOSKA

A new, complete concentrated fertilizer adapted to all crops, fruits and lawns. It is water-soluble and is completely available. It contains 15% Nitrogen, 30% Phosphoric Acid and 15% Potash. A total plant food of 60% or three times the value of a 6-10-5 fertilizer. 2 oz. 10c., 1 lb. 25c., 10 lb. \$1.50, 25 lbs. \$2.75, 50 lbs. \$4.75.



### PULVERIZED SHEEP MANURE

A rich, pure and natural manure. Excellent as a top dressing for lawns, and mixing with the soil for greenhouse plants—one part manure and six parts soil. 5-lb. pkg. 50c., 10 lbs. 90c., 50 lbs. \$2.25, 100 lbs. \$4.00, ton \$65.00.

NOTICE.—We deliver free by Express or Freight (at our option) all orders for Fertilizer of \$3.00 or over, when cash accompanies the order, within a radius of 50 miles of New York City.

## FERTILIZERS—Continued

### ROSE FOOD

Contains just what is needed for the Rose. It is a properly balanced, organic Rose food and entirely takes the place of bone meal, sheep manure or tankage. It stimulates the vitality of the plant and produces a larger crop of more perfect blooms. 100 lbs. \$8.00.

### SALT, AGRICULTURAL

Used for top dressing Asparagus beds, etc. 100 lbs. \$2.50.

### SMITH'S CHRYSANTHEMUM MANURE

For Mums, Roses, Carnations, Sweet Peas and other greenhouse plants. 50-lb. bags \$3.00, 100 lbs. \$5.50.

### SOOT, IMPORTED SCOTCH

A fertilizer for stimulating growth and giving a rich, dark foliage; also an excellent remedy against slugs, grubs and cutworms. Bag of 100 lbs. \$7.00.

### STIM-U-PLANT

A plant food in tablet form for fertilizing all kinds of growing plants in the home or garden. Tablets should be used in the soil or dissolved in water and applied to the soil. 30 tablets 25c., 100 tablets 75c., 1,000 for \$3.50.

### SULPHATE OF ALUMINA

Used for Rhododendrons, Azaleas, Laurel and other shrubs that require an acid soil. 25 lbs. \$1.50, 50 lbs. \$2.50, 100 lbs. \$4.50, 200 lbs. \$7.50, ton \$70.00.



### SULPHATE OF AMMONIA

For lawns, home gardens and fruits. This brand is especially prepared for top dressing, is soluble and quickly available. It feeds the grass and starves the weeds. 5 lbs. 60c., 10 lbs. \$1.15, 25 lbs. \$2.25, 100 lbs. \$6.00.

### THOMSON'S TOP DRESSING MANURE

A special English top dressing manure to be used as a stimulant during the growing season for pot plants and benches. 28 lbs. \$4.50, 56 lbs. \$8.00.

### THOMSON'S VINE AND PLANT MANURE

A well-known English fertilizer. Valuable for Grape vines and fruit trees grown under glass and outside garden purposes. 56 lbs. \$6.50, 112 lbs. \$12.00.

### TOBACCO FERTILIZER

A double action product—a natural fertilizer and insecticide. Controls aphids, cutworms and all soft-bodied insects. 100-lb. bag \$3.50, ton \$50.00.

### TOP SOIL

Hand screened and carefully fertilized ready for use. 100 lb. bag \$1.50, 5 bags \$7.00.

### TREE FERTILIZER

Used in the Spring for fertilizing trees. It is best applied by making holes with a crowbar to reach the roots. Bag of 167 lbs. \$6.00, ton \$70.00.

### VIGORO (SWIFT'S)

A specially prepared plant food for lawns, flowers, shrubbery and trees. Vigoro has no unpleasant odor and can be conveniently applied at any time. 5 lbs. 50c., 25 lbs. \$1.75, 50 lbs. \$3.25, 100 lbs. \$5.50.



### WOOD ASHES

For lawns, gardens and fruits, hardwood ashes are unequaled; 1 to 2 tons per acre. 100 lbs., \$3.00, ton \$50.00.

## AMERICAN AGRICULTURAL CHEMICAL CO. FERTILIZERS

### "AGRICO" FERTILIZER FOR CORN

Suitable for Corn, garden crops, small fruits, etc. Nitrogen, 2 per cent; available phosphoric acid, 10 per cent; potash, 6 per cent. 100 lbs. \$3.00, ton \$50.00.

### "AGRICO" FERTILIZER FOR POTATOES

Suitable for Potatoes, root crops and garden truck. Nitrogen, 3 per cent; available phosphoric acid, 8 per cent; potash, 6 per cent. 100 lbs. \$3.50, ton \$55.00.

### "AGRICO" FERTILIZER FOR TRUCK

A general fertilizer for farm and garden crops and Potatoes. Nitrogen, 4 per cent; available phosphoric acid, 10 per cent; potash, 5 per cent. 100 lbs. \$3.50, ton \$55.00.

### SUPERPHOSPHATE

For mixing with other fertilizers to increase the phosphoric acid content. For farm crops, 16 per cent available phosphoric acid. 200 lbs. \$3.00, ton \$25.00.

### MURIATE OF POTASH

For Potatoes, Corn, grain, etc. Analysis, 48 per cent K. 20. 100 lbs. \$5.00, 200 lbs. \$9.00.

### SULPHATE OF AMMONIA

Used for top dressing crops. Ammonia, 24 per cent; nitrogen, 16 per cent. 100 lbs. \$6.00, 200 lbs. \$10.00.

All the above fertilizers are offered, f.o.b. factory at Carteret, N. J.

## "ADCO" ARTIFICIAL MANURE

A simple preparation for making stable manure from garden refuse, grass clippings, weeds, leaves, vegetable tops, etc. It contains nothing injurious to health or animal life is odorless and weed free.

Refuse can be piled in a heap or pit and with "Adco" added to the refuse, causing the bacteria to rot and make manure. Fifty pounds of Adco makes a ton of well rotted manure.

Adco, in 25-lb. bags, enough for 12 wheelbarrows of waste or ½ ton of manure. Each \$2.00.

Adco, in 150-lb. bags, enough to make 3 tons manure. Each \$10.50, f.o.b. Warners, N. J.

## PREPARED COMPOST

A Real Soil Builder Compost of spent mushroom beds which is thoroughly pulverized. It is indispensable for potting plants, topdressing Lawns, Rock Gardens, Rose Beds, Evergreens and Shrubs. For topdressing use 400 pounds per 1,000 square feet and rake well into the soil. Prices: 100 lbs. \$2.50, 500 lbs. \$10.00, 1,000 lbs. \$18.00.

# INSECTICIDES

**AGRI-PAX.** A new contact insecticide, founded upon the toxic principle of Pyrethrum. It will kill Japanese Beetle, Rose Beetles, Aphids, Thrips, etc. One of the best sprays for Dahlias. Quart tin \$1.25, gal. \$4.00, 5 gals. \$15.00.

**ANSECT** (Rose Bug Killer). Highly effective when used on Rose Bugs, many hard-bodied insects, Red Spider, Mealy Bug, and other garden pests. Use one part in thirty to fifty parts of water. Will not discolor the foliage of plants or affect the flowers. A thorough spraying is essential. 4 oz. 30c., pint \$1.00, qt. \$1.50, gal. \$4.00.

**Aphistrogen**  
KILLS APHIDS (PLANT LICE)  
REG. U.S. PAT. OFF.

A non-poisonous scientific spray for roses, etc. Does not discolor the foliage. 2 oz. 50c. 1 lb. \$2.25. 2 lbs. \$3.50.

**APHINE.** Has no equal for the destruction of green, black or white fly, thrips, red spider, mealy bug, caterpillars, scale and other insects and blights. Use one part to forty parts of water. ¼ pt. 25c. ½ pt. 40c., 1 pt. 65c., qt. \$1.00, gal. \$3.00.

**ANT KILLER.** For destroying Ants in grass, walks, buildings, etc. 4½ oz. sifter can 50c.

**Antrol**  
NON-POISONOUS INSECTICIDE

The Antrol System exterminates the commonly known "house ant"—the species that infests kitchens and eats food and sweet substances.

Prices—Antrol sets containing 4 containers and 1 4-oz. bottle of syrup, 95c.; Antrol extra containers, each 15c.; Antrol syrup, 4-oz. bottle 50c., pints 95c.

**ANT GELATIN "Marvel."** An effective remedy for destroying ants. Tin 50c.

**ARSENATE OF LEAD, Powdered.** Better than Paris Green and does not burn foliage. Can be used either wet or dry for dusting. With water use 1 lb. to 15 or 25 gals. Lb. 50c., 5 lbs. \$2.00, 10 lbs., \$4.00, 25 lbs. \$7.50, 100 lbs. \$20.00.

**BORDO-LEAD.** See Key-Cide.

**BORDEAUX MIXTURE, Powder.** 12 per cent copper. Used same as Bordeaux Mixture, also for dusting dry. For spraying use 1 lb. to 8 gals. water. Lb. 40c., 5 lbs. \$1.80, 10 lbs. \$3.50, 25 lbs. \$6.50, 100 lbs. \$23.00.

**BUG DEATH IMPROVED.** A non-poisonous Insecticide and Fungicide. Can be used safely on Vegetables, Fruits and Flowers. 1 lb. 25c., 5 lbs. \$1.00, 12½ lbs. \$2.25, 100 lbs. \$15.00.

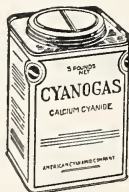


**CARBOLA.** A disinfecting germ-killing white paint. Used instead of whitewash for stables, chicken coops, dairies, cellars, etc. 10 lbs. make 10 gals. 5 lbs. 75c., 50 lbs. \$5.50.

**CED-O-FLORA.** A perfect contact spray for Mealy Bug, Red Spider and Scale. One gallon makes 26 gallons spray. Pint \$1.25, gal. \$7.00.

**CYANOGAS, G Grade Fumigant** (Calcium Cyanide). For fumigating greenhouses, mushroom beds and soils. 1 lb. 75c., 5 lbs. \$3.25.

**CYANOGAS, Grade A Dust.** Used destroying aphids, white fly and other insects, also exterminating moles, rats, ants, etc. 1 lb. 75c., 5 lbs. \$3.25 25 lbs. \$10.00, 100 lbs. \$30.00.



**CYANOGAS DUSTER.**

No. 1 each \$1.25.

**COPPER SOLUTION.** For mildew, Pear and Apple scab, rust on Carnations and Violets. Qt. \$1.50, gal. \$4.50.

**CUT WORM KILLER.** This is a coarse powder for sprinkling near the plants to be protected. It is harmless to birds or chickens. 1 lb. is sufficient for 175 plants or 100 ft. of drill. Lb. 50c., 5 lbs. \$2.00, 25 lbs. \$7.50.

**EVER GREEN.** A non-poisonous insecticide. A very effective spray for all kinds of insects. Harmless to animals or birds. Recommended for the Japanese Beetle. One pound makes 100 gals. spray. 1 oz. 35c., 6 oz. \$1.00, pint \$2.00, quart \$3.85, gal. \$13.00.

**EVER GREEN**  
NON-POISONOUS INSECTICIDE

**FORMALDEHYDE.** A useful fungicide for Potato scab, rosette in Lettuce, Onion smut and fungus in soil. For Potatoes, use 1 lb. to 30 gals. of water and soak the tubers about 1½ hours before planting. Lb. bottle 40c.



A pyrethrum type of spray, strongly efficient as a contact spray for all insects. 2 oz. 35c., ½ pint. \$1.00.

**FUNGINE.** An infallible remedy for mildew and other fungus diseases. Qt. \$1.00, gal. \$3.00.

**Fungtrogen**  
FUNGICIDE FERTILIZER  
TRADE MARK

A complete spray for mildew and black spot on Roses. It will not disfigure the leaves or petals. Pint \$1.25, qt. \$2.00, gal. \$6.00.

**GRAPE DUST.** For prevention of mildew on Roses, Grapes, Gooseberries, etc. 5-lb. pkg. \$1.00, 100 lbs. \$20.00.

**HELLEBORE POWDER.** For rose slugs, currant worms, etc. Dust on with gun or bellows while the foliage is moist. Lb. 55c., 5 lbs. \$2.50.

**IMP SPRAY SOAP.** Effective against green fly, aphids, red spider and thrips. Mix with 12 parts of water for spraying. Gal. \$3.50.

**Insectrogen**  
TRIPLE SERVICE  
FUNGICIDE INSECTICIDE FERTILIZER  
TRADE MARK

A complete spray, fungicide and fertilizer combined. Use for all leaf eating insects, red spider and mildew. ½ pint \$1.00, pint \$1.75, qt. \$2.75, gal. \$8.00.

**KAYSO.** Used to keep spray from washing off and prevent injury to foliage. 2 lbs. 65c., 100 lbs. \$30.00.

**KEY-CIDE POWDER** (Bordeaux and Arsenate). A combined insecticide and fungicide. Kills bugs and prevents blight, rot, mildew and fungus. Can be used for wet spraying or dusting for fruits, vegetables and flowers. 1 lb. makes 7 gals. liquid. Lb. 40c., 5 lbs. \$2.00, 25 lbs. \$7.50, 100 lbs. \$30.00.



**LEMON OIL.** For destroying mealy bugs, scale, thrips, red spider, etc. Qt. \$1.25, gal. \$3.50.

**LIME SULPHUR, Liquid.** For spraying fruit trees, etc. 5 gals \$4.00, 30 gals. \$13.50, barrel 50 gals. \$20.00.

Insecticides if wanted by parcels post add postage at zone rates.

## INSECTICIDES—Continued

**LIME SULPHUR, Dry.** Used for all scale insects as a dormant spray. Has all the effectiveness of Liquid Lime Sulphur and is much easier to handle. 1 lb. makes from 4 to 10 gallons. Lb. 40c., 5 lbs. \$1.50, 10 lbs. \$2.75, 25 lbs. \$5.50, 100 lbs. \$17.00.



**MAGNESIUM ARSINATE.** Especially recommended for combating the Mexican Bean Beetle. 2 lbs. \$1.00, 100 lbs. \$35.00.

**MEXOGEN.** Kills and repels Mexican Bean Beetle, including the adult, larvae and eggs. ½ pt. 75c., qt. \$2.00, gal. \$6.00.

**MO-LO.** Poisoned tablets for moles and field mice. Box 25c.

**MOLOGEN.** A mole killer that will eliminate moles from lawns and gardens. ½ lb. 50c.

**NICO-FUME LIQUID.** For spraying or fumigating. Does not stain or injure the blooms. Lb. \$2.25, 4 lbs. \$6.50, 8 lbs. \$11.50.

**NICO-FUME PAPER.** Extra strong tobacco paper for burning. 144 sheets \$5.25, 288 sheets \$9.00.

**NICO-FUME POWDER.** A specially prepared tobacco powder fumigant to destroy aphids, thrips, etc., in greenhouses. 10-lb. can \$6.50.

**NICOTINE SULPHATE "Black Leaf 40."** For aphids, thrips, etc. 1-oz. bottle 35c., 5 oz. \$1.00, 2 lbs. \$3.75, 10 lbs. \$12.00.

**NICOTINE PYROX.** A combined poison and foliage spray. 10 oz. 50c., 40 oz. \$1.75.

**PARA-DICHLORO-BENZINE.** The best remedy for Peach tree borers. 1-lb. tin 60c., 5 lbs. \$3.00.

**PARIS GREEN.** For potato bugs, etc. Lb. 60c., 5 lbs. \$2.75.

**POMO-GREEN.** Useful for black spot and fungus diseases on Roses or other plants. 1 lb. 50c., 5 lb. \$2.00, 25 lb. \$7.50.

**PYRETHRUM POWDER.** Non-poisonous, harmless to leaves or flowers. A sure kill for Mexican Bean Beetle and other insects. 1 lb. 80c., 5 lbs. \$3.75, 25 lbs. \$17.50.

**PYROX, Powdered.** A dry form of Pyrox that is more convenient to handle. Can be used for dusting or mixed with water as a spray. 1 lb. 65c., 5 lbs. \$2.75, 25 lbs. \$12.00, 100 lbs. \$30.00.



**PYROX, Paste.** Kills all leaf-eating insects and prevents blights and fungus troubles, without injury to fruit or foliage. Lb. 50c., 5 lbs. \$2.00, 10 lbs. \$3.50, 25 lbs. \$7.50, 50 lbs. \$12.00, 100 lbs. \$20.00.

**RED ARROW INSECT SPRAY.** A Pyrethrum Spray that does not burn or stain the foliage or flowers of the tenderest plants. 1 oz. 35c., ¼ pt. \$1.00, ½ pt. \$1.75, pt. \$3.25, qt. \$6.00, gal. \$20.00.

**SCALE DESTROYER.** An old and efficient dormant spray for all scale pests. 5 gal. \$6.50, 30 gals. \$27.00, 50 gals. \$35.00.



**SCALECIDE.** For San Jose scale and spraying all kinds of trees. Qt. 75c., 1-gal. can \$1.75, 5 gals. \$6.50, 30 gals. \$27.00, 50 gals. \$38.00.

**SEMESAN.** The well known plant disinfectant for rots, damping off, etc. 2 oz. 60c., 1 lb. \$2.75, 5 lbs. \$13.00.

**SLUG SHOT.** Destroys all insects injurious to garden plants, vegetables and fruits of all kinds. 1-lb. cartons 25c., 5-lb. pkg. 75c.

**SO-FYNE.** A liquid soap used as a spreader in many insecticides. 5 oz. 20c., qt. 50c., gal. \$1.50, 5 gals. \$5.00.

**SNAROL.** A new prepared meal for cutworms, slugs, snails, sow bugs and grasshoppers. Harmless to vegetation. 1-lb. carton 50c., 3 lbs. \$1.00, 15 lbs. \$3.75, 50 lbs. \$11.50.



**SULPHUR, Powdered.** A staple preventive for mildew on Grapes, Roses, etc. Lb. 20c., 10 lb. \$1.50, 25 lbs. and over 12c. per lb.

**SULFOCIDE.** A summer spray for Peaches and other fruits and mildew on flowers, etc. Gal. \$3.00, 5 gals. \$8.75.

**TEROGEN.** Used for destroying the spores of fungus diseases in the soil. It also acts as a fertilizer and preventative against black spot, aphides and beetles. 1 lb. 75c., 2 lbs. \$1.25, 5 lbs. \$2.75, 10 lbs. \$4.75, 25 lbs. \$11.00, 100 lbs. \$40.00.

**TO-NA-CIDE.** Used as a soil treatment for control of thrips, sow bugs, all worms, etc. Use one pound to 40 square feet of surface. 5 lbs. \$1.50, 25 lbs. \$5.00, 100 lbs. \$12.50.

**TREE TANGLEFOOT.** A sticky substance applied directly to the bark to protect trees against climbing insect pests. 1 lb. will make a band 7 to 8 feet long. Lb. can 60c., 5 lbs. \$2.75, 10 lbs. \$5.25, 20 lbs. \$10.00.

**TREE WOUND PAINT, Key Brand.** Prevents decay. A penetrating antiseptic paint that is not affected by heat, cold or moisture. Does not peel, crack or get brittle. Stops trees bleeding and prevents decay. Qt. \$1.20, gal. \$3.00, 5 gal. \$13.00.

**TOBACCO DUST.** Destroys Rose lice, Cabbage and Turnip fleas, etc. Lb. 15c., 5 lbs. 60c., 10 lbs. \$1.00, 100 lbs. \$4.50.

**TOBACCO STEMS FOR FUMIGATING.** Clean and free from rubbish. In bales of 100 lbs. \$3.50.

**VOLCK.** A scientific insecticide for greenhouse and garden use. Effective against scale, mealy bug, red spider, aphides, thrips and flies. Qt. \$1.00, gal. \$3.00, 5 gals. \$12.50.

**WHALE or FISH OIL SOAP.** Kills lice and sucking insects on trees, shrubs, plants, vines and Roses. Lb. 35c., 5 lbs. \$1.50, 25 lbs. \$5.00.

**WORM ERADICATOR.** Used for killing worms at the roots of trees, plants and putting greens. 5-gal. kegs \$20.00, 10 gals. \$35.00.

**WILSON'S AWINC.** For red spider, thrip, aphids, etc. Gal. \$10.00.

**WILSON'S O. K. PLANT SPRAY.** A powerful yet harmless and efficient insecticide in concentrated form. Useful for outside and greenhouse spraying. ½ pt. 40c., qt. \$1.00, gal. \$3.00, 5 gals. \$12.00, 10 gals. \$20.00, 25 gals. \$50.00, 50 gals. \$90.00.

**WILSON'S SCALE-O.** The complete dormant spray for scale, bud moth, pear psylla, canker, etc. Gal. \$2.00, 5 gals. \$9.00, 10 gals. \$15.00, 30 gals. \$33.00, 50 gals. \$50.00.

**X. L. ALL INSECTICIDE.** A well-known English insecticide. Original gallon cans, each \$10.00.

**X.-L.-ALL VAPORIZING COMPOUND.** The most effectual method of fumigating greenhouses. Bottle sufficient for 10,000 cu. ft., No. 3, \$3.00; bottle sufficient for 20,000 cu. ft., No. 2, \$5.00. Fumigators for above, \$2.00 each.

**ZENKE'S FUNGICIDE.** Effective remedy for leaf spot, rust, mildew and black rot. Gal. \$4.00.

## WEED KILLERS

**ATLACIDE WEED KILLER** (Non-poisonous). An effective Weed Killer in powder form which can be dusted on weeds and grasses. 1 lb. duster kills 100 sq. feet of weeds. Each 50c., 3½ lbs. duster each \$1.50, 50-lb. drum of powder \$10.00.

**KEY WEED KILLER.** Destroys weeds in paths, roads and gutters. Dilute one part Weed Killer to forty parts water. Does not discolor cement or stone. Qt. 70c., gal. \$2.00, 5 gals. \$7.50, 30 gals. \$35.00, 50 gals. \$50.00.

**HERBICIDE WEED KILLER.** A liquid preparation for the killing of every kind on roadways, paths, gutters, tennis courts. One gal. makes 40 gals. liquid. Gal. \$2.00, 5 gals. \$7.50, 10 gals. \$14.00, 30 gals. \$35.00, 50 gals. \$50.00.

**WILSON'S WEED KILLER.** Kills all plant growth. It is a clean, odorless, highly concentrated liquid. When diluted with water—1 part Weed Killer to 40 or 50 parts of water, it is a sure death to all weeds. Qt. 75c., gal. \$2.00, 5 gals. \$8.00, 10 gals. \$15.00, 50-gal. drum, \$50.00.

### "PURFECK" CHICKWEED ELIMINATOR

This preparation is a sure method of eliminating chickweed in lawns. The liquid is added to water and sprayed on patches of chickweed in the lawn. Add two parts of water to one of Purfeck when using. Qt. 75c., gal. \$2.00, 5 gals. \$9.00.

### CASIM CRAB GRASS CONTROL

Casim is best applied in September as a top dressing at the rate of 100 lbs. per 150 sq. feet. It will not burn the grass and one application is all that is required. 100 lbs. \$3.25, 500 lbs. \$12.00, ton \$44.00, f.o.b. Jersey City, N. J.

## "HERBICIDE"

THE WEED EXTERMINATOR

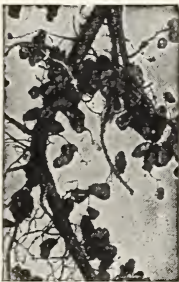


## STIMUGERM LEGUME INOCULATION

The Best Inoculation for All Legume Seeds Means Better Crops, Better Soils, Less Fertilizer Expense.

Alfalfa, Clovers, Soybeans, Cowpeas, Vetch, Peanuts, all thrive into bumper crops when properly inoculated with STIMUGERM pure-bred cultures.

Nodules with Nitrogen  
worth their weight  
in gold



### WHAT STIMUGERM IS

STIMUGERM is a culture of bacteria especially selected and bred for maximum vitality and ability to form nodules and take nitrogen from the air. They are carried in a sterilized, finely ground, porous humus medium which acts as a natural home for them—keeps them fresh, active and vigorous. EVERY CAN IS DATED and guaranteed for one year.

### PRICES ARE LOW

#### Alfalfa and Clovers

#### SMALL SEED VARIETIES

2½-bu. unit.....	\$2.25
1-bu. unit.....	1.00
½-bu. unit.....	.60
¼-bu. unit.....	.35

#### Soybeans, Cowpeas, Vetch, Peas and Beans, Etc.

#### LARGE SEED VARIETIES

5-bu. unit.....	\$2.25
2-bu. unit.....	1.10
1-bu. unit.....	.60
½-bu. unit.....	.35

#### Garden Size for Peas, Beans, Lima Beans and Sweet Peas, 25c.

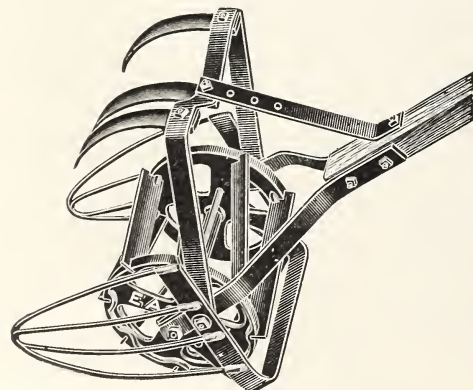
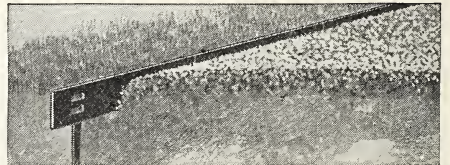
When ordering, be sure to state what crops you wish to inoculate, also number of bushels you will sow.



## ROAD & GARDEN CURBING

Indispensable for curbing drives, walks, flower beds, etc. Made from heavy steel strip ⅝ in. thick by 3 in. deep and ¼ in. thick by 5 in. deep, each in lengths of 16 feet. For overlap of joints allow 8 inches. The stakes are ¼ in. thick by 1½ in. at the top, tapering to ½ in. wide at the bottom. They are 18 in. long. Seven stakes are furnished with each strip. Supplied in painted green or galvanized stock.

3 x ⅝ in. Painted. Per foot 28c. 3 x ⅝ in. Galvanized. Per foot 34c.  
5 x ¼ in. Painted. Per foot 40c. 5 x ¼ in. Galvanized. Per foot 45c.



## EASY GARDEN CULTIVATOR

This cultivator is very useful for cutting weeds and pulverizing the crusted surface of the soil. The revolving blades operate against the cutter bar to chop up weeds and put the soil in perfect condition. By reversing the position you have a cultivator with three shovel plows for deep cultivation. Each machine is fitted with the improved leaf lifter which can be used in either position. The underground knife is 8½ inches wide. Standard Model. Each \$8.50.

## CLEAR VIEW DOUBLE STAKE PLANT MARKER



Clear View Plant Marker. Stake 26 in. long. Card holder 3½ by ¾ in. Very easily read. Doz. \$2.50, 100 18.50.

## INFORMATION of INTEREST to EXHIBITORS at FLOWER SHOWS

For the guidance of exhibitors at Flower Shows; Horticultural Exhibits; Country Fairs, etc., we have compiled the following "POINT SCHEDULES" which are now universally used in the judging of the various exhibits at such shows.

### CARNATIONS

	Pts.		Pts.
Color .....	25	Substance .....	15
Size .....	20	Form .....	10
Calyx .....	5	Fragrance .....	5
Stem .....	20		

### CHRYSANTHEMUMS

	Pts.		Pts.
Color .....	40	Substance .....	20
Form .....	20	Stem and Foliage .....	20

### DAHLIAS

	Pts.		Pts.
Color .....	20	Stem and Foliage .....	25
Form .....	20	Size .....	20
Substance .....	15		

### GLADIOLUS

The following schedule of points is frequently used in judging exhibits of gladioli.

	Pts.
Color .....	20
Size .....	25
Form .....	25
Stem and Foliage .....	15
Substance .....	15

### IRIS

#### Highest Rating 10

	Pts.
Stalk and Height .....	1
Number of Branches .....	1
Number of Buds .....	1
Size and Carriage .....	2
Texture and Substance .....	2
Color .....	1
Fragrance .....	1

### PEONIES

The following points of merit are suggested as a basis in judging Peonies.

#### The Maximum Rating is 10

	Pts.
Color .....	2
Size and Shape of Flower .....	2
Texture and Substance .....	2
Carriage .....	1
Stem and Foliage .....	1½
Fragrance .....	1½

### ROSES (Cut Flowers)

	Pts.		Pts.
Size .....	15	Form .....	15
Color .....	20	Foliage .....	15
Stem .....	20	Substance .....	15

### SWEET PEAS

	Pts.		Pts.
Length of stem .....	25	Substance .....	15
Color .....	20	Number of Flowers .....	15
Size .....	25		

## SCALE OF POINTS BY WHICH PLANT EXHIBITS MAY BE JUDGED

#### No. 1—Single Specimen Foliage Plants

	Pts.
Size of Plant .....	25
Cultural Perfection .....	35
Distinctiveness .....	15
Rarity .....	15
Form .....	10
	100

#### No. 3—Groups of Foliage Plants

	Pts.
Distinctiveness .....	20
Cultural Perfection .....	20
Rarity .....	10
Arrangement or Staging .....	40
Color Effect .....	10
	100

#### No. 2—Single Specimen Flowering Plants

	Pts.		Pts.
Size of Plant .....	20	Floriferousness .....	15
Cultural Perfection .....	35	Color .....	10
Rarity .....	10	Foliage .....	10

#### No. 4—Groups of Flowering Plants

	Pts.		Pts.
Accessories .....	10	Arrangement .....	40
Rarity .....	10	Color Harmony .....	15
Cultural Perfection .....	15	Foliage .....	10

## SCALE OF POINTS FOR JUDGING ARTISTIC ARRANGEMENTS

	Pts.		Pts.
Distinction .....	20	Relation of Flower to Receptacle .....	20
Color Harmony .....	20	Perfection of Arrangement .....	20
Proportion .....	20		

## SCALE OF POINTS TO BE USED IN JUDGING VEGETABLES

No. to form a dish or to be exhibited in collection	Pts.	No. to form a dish or to be exhibited in collection	Pts.	No. to form a dish or to be exhibited in collection	Pts.
Artichoke, Globe .....	6	Celery .....	6	Peppers, red, green	
Artichoke, Jerusalem .....	12	Celery .....	55	or red and green .....	9
Asparagus .....	25	Cucumber, frame .....	2	Potatoes .....	9
Beans, string, green .....	40 pods	Cucumber, outdoor .....	6	Pumpkin .....	2
Beans, string, yellow .....	40 pods	Chicory .....	6	Radishes .....	12
Beans, Lima .....	24 pods	Corn, sweet .....	6	Rhubarb .....	6
Beans, runner .....	24 pods	Egg Plant .....	3	Salsify .....	12
Beets, long .....	6	Endive .....	6	Scorzonera .....	12
Beets, round .....	6	Horseradish .....	6	Spinach .....	10
Cauliflower .....	3	Kohl-Rabi .....	6	Sprouts, Brussels .....	40
Cardoon .....	3	Leek .....	6	Squash .....	2
Cabbage .....	3	Lettuce .....	3	Shallots .....	24
Cabbage, Savoy .....	3	Mushrooms .....	18	Tomatoes .....	10
Cabbage, red .....	3	Onion .....	6	Turnip .....	6
Carrot, long .....	6	Okra .....	12	Vegetable Marrow .....	2
Carrot, short .....	6	Parsnip .....	6	Arrangement .....	150
		Peas .....	40 pods		

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150 West 23rd St., New York



Name.....

Gardener's Name.....

Post Office .....

**Express Office** (If different from P. O.) .....

County..... State.....

We give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds, plants or bulbs we sell, and we will not be in any way responsible for them. If the purchaser does not accept the goods on these terms, they are at once to be returned.

W. E. MARSHALL & CO., Inc.

[illegible]

[illegible]

# MARSHALL'S MATCHLESS SEEDS

## Vegetable Seeds for Planting in Hotbeds in March

BEANS  
BEETS  
EARLY CABBAGE  
EARLY CARROT

CAULIFLOWER  
CELERY  
EGGPLANT  
ENDIVE

KOHL-RABI  
LEEK  
LETTUCE  
ONION

PARSLEY  
PEPPER  
RADISH  
TOMATO

## SEED SOWING and Planting Table for Vegetables for Home Gardeners in New York and Vicinity

Variety of Vegetable	Time to Sow Open Ground	No. of Days required to Ger- minate	Time Required for Maturity from Date Sown	Distance Planting		Amount of Seed etc., Required	Depth to Plant
				Apart in row	Rows Apart		
ARTICHOKE, Globe....	May .....	.....	.....	2-3 ft. ....	2-3 ft. ....	½ oz. for 100 ft. row	1-2 in.
ARTICHOKE, Jerusalem.	April .....	.....	.....	1-2 ft. ....	2-3 ft. ....	Peck for 100 ft. row.	3 in.
ASPARAGUS, Seeds .....	April & May.	20 to 28	3 to 4 years	.....	.....	2 oz. for 100 ft. row.	1-2 in.
ASPARAGUS, Roots .....	April .....	.....	.....	1 ft. ....	2 ft. ....	100 for 100 ft. row.	3-5 in.
BEANS, Dwarf .....	May to Aug.	6 to 10	45 to 75 days	3 in. ....	2 ft. ....	1 qt. for 150 ft. row.	½-2 in.
BEANS, Pole and Lima .....	May to June.	6 to 10	60 to 100 "	3 ft. ....	4 ft. ....	1 qt. for 100 hills...	1-2 in.
BEETS .....	April to Aug.	7 to 10	60 to 75 "	4 in. ....	1 ft. ....	½ oz. for 100 ft. row	1-2 in.
BORECOLE (Kale) .....	.....	.....	.....	.....	.....	.....	.....
For Spring use .....	Aug. & Sept..	6 to 10	85 to 120 "	2 ft. ....	2½ ft. ....	½ oz. for 100 ft. row	½ in.
For Fall use .....	June .....	6 to 10	85 to 120 "	2 ft. ....	2½ ft. ....	½ oz. for 100 ft. row	½ in.
BRUSSELS SPROUTS .....	April to July.	6 to 10	100 to 120 "	1½ ft. ....	2½ ft. ....	½ oz. for 100 ft. row	½ in.
CABBAGE, Early .....	April .....	6 to 10	100 to 125 "	1½ ft. ....	2 ft. ....	¼ oz. for 100 ft. row	½ in.
CABBAGE, Late .....	May to June.	6 to 10	120 to 180 "	2½ ft. ....	2½ ft. ....	¼ oz. for 100 ft. row	½ in.
CARROT, Early .....	April .....	10 to 15	65 to 85 "	4 in. ....	1½ ft. ....	½ oz. for 100 ft. row	½ in.
CARROT, Late .....	May to July.	10 to 15	100 to 120 "	5 in. ....	2 ft. ....	½ oz. for 100 ft. row	½ in.
CAULIFLOWER, Early .....	April .....	6 to 10	100 to 115 "	1½ ft. ....	2½ ft. ....	¼ oz. for 100 ft. row	½ in.
CAULIFLOWER, Late .....	May & June.	6 to 10	100 to 135 "	2 ft. ....	3 ft. ....	¼ oz. for 100 ft. row	½ in.
CELERY .....	April .....	12 to 20	125 to 150 "	6 in. ....	3 to 5 ft.	¼ oz. for 100 ft. row	¾ in.
CHERVIL .....	April & May.	6 to 10	.....	broadcast	20 in. ....	1 oz. for 100 ft. row	1 in.
CORN, Sugar .....	May to July.	8 to 10	60 to 100 "	3 ft. ....	4 ft. ....	1 qt. for 206 hills...	1-2 in.
CRESS, Curled .....	April .....	4 to 6	30 "	broadcast	1 ft. ....	½ oz. for 100 ft. row	on surface
CUCUMBER .....	May to July.	6 to 8	60 to 85 "	4 ft. ....	4 ft. ....	1 oz. for 60 hills...	1-2 in.
EGGPLANT .....	.....	10 to 14	125 to 160 "	2½ ft. ....	2½ ft. ....	¼ oz. for 100 ft. row	½-1 in.
ENDIVE .....	April to Aug.	6 to 10	75 to 100 "	1 ft. ....	2½ ft. ....	70 roots for 100 ft.	3-4 in.
HORSE RADISH .....	April & May.	6 to 8	65 to 85 "	1 ft. ....	2 ft. ....	¼ oz. for 100 ft. row	½ in.
KOHL-RABI .....	April to July.	6 to 10	120 to 160 "	6 in. ....	1½ ft. ....	¼ oz. for 100 ft. row	1 in.
LEEK .....	April & May.	6 to 10	75 to 100 "	1 ft. ....	4 ft. ....	¼ oz. for 100 ft. row	½ in.
LETTUCE .....	April to Aug.	6 to 10	90 to 120 "	4 ft. ....	4 ft. ....	1 oz. for 60 hills...	1-2 in.
MELON, MUSK .....	May to June.	8 to 12	100 to 125 "	3 ft. ....	8 ft. ....	1 oz. for 30 hills...	1-2 in.
MELON, WATER .....	May to June.	8 to 12	100 to 125 "	3 ft. ....	8 ft. ....	1 oz. for 100 ft. row	½-1 in.
ONION, Seed .....	April & May.	6 to 10	120 to 150 "	3 in. ....	1 ft. ....	¾ pts. for 100 ft. row	1-2 in.
ONION, Sets .....	April & May.	18 to 24	90 to 100 "	4 in. ....	1 ft. ....	¾ oz. for 100 ft. row	½ in.
PARSLEY .....	April .....	12 to 18	100 to 150 "	6 in. ....	1½ ft. ....	½ oz. for 100 ft. row	½-1 in.
PARSNIP .....	April to July.	5 to 10	50 to 75 "	2 in. ....	2 to 4 ft.	1 qt. for 150 row...	2-3 in.
PEAS, Wrinkled .....	April to Aug.	5 to 10	50 to 65 "	2 in. ....	2 to 4 ft.	1 qt. for 150 row...	2-3 in.
PEAS, Smooth .....	.....	10 to 14	135 to 150 "	2 ft. ....	2½ ft. ....	¾ oz. for 100 ft. row	½ in.
PEPPER .....	April to June.	15 to 25	75 to 100 "	10 in. ....	2½ ft. ....	1 pk. to 100 ft. row	4 in.
POTATOES .....	May to June.	6 to 10	100 to 125 "	8 ft. ....	8 ft. ....	1 oz. for 50 hills...	1-2 in.
PUMPKINS .....	April to Sept.	4 to 6	25 to 50 "	2-4 in. ....	1 to 1½ ft.	1 oz. for 150 ft. row	½-1 in.
RADISH .....	April & May.	.....	.....	3 ft. ....	3 to 5 ft.	33 plants for 100 ft.	2-3 in.
RHUBARB ROOTS .....	April .....	6 to 10	100 to 150 "	4 in. ....	1 ft. ....	½ oz. for 100 ft. row	1 in.
SALSIFY .....	April to Sept.	6 to 12	60 to 75 "	4 in. ....	1 to 1½ ft.	1 oz. for 200 ft. row	1-2 in.
SPINACH .....	May to July.	6 to 10	60 to 75 "	4 ft. ....	4 ft. ....	1 oz. for 50 hills...	1-2 in.
SQUASH, Summer .....	May to June.	6 to 10	100 to 125 "	8 ft. ....	8 ft. ....	1 oz. for 50 hills...	1-2 in.
SQUASH, Winter .....	June .....	6 to 10	125 to 150 "	3 ft. ....	3 ft. ....	½ oz. for 100 hills...	½-1 in.
TOMATO .....	April to Sept.	4 to 7	60 to 75 "	6 in. ....	1 to 1½ ft.	½ oz. for 100 ft. row	¾-1 in.
TURNIP .....	.....	.....	.....	.....	.....	.....	.....

## Insecticides to Use for Insects and Fungous Diseases

**Insects that suck the juices from Plants and Foliage.** Aphine, Evergreen, Nicotine Sulphate, Red Arrow, O. K. Plant Spray.

**Insects that eat the Plants or Foliage.** Ansect, Arsenate of Lead, Bug Death, Evergreen, Key-cide Powder, Pyrox, Red Arrow, O. K. Plant Spray, Whale Oil Soap.

**Scale on Hard Wood Trees.** Spray with Scale Killer, Scalecide, Lime Sulphur or Wilson's Plant Spray.

**Fungous Diseases.** Spray with Bordeaux, Fungine, Funtrogen or Pyrox. Dust with Bordeaux or Grape Dust.

**Underground Insects.** Cut Worm Killer, Mag-o-tite, Tobacco Dust or To-na-cide.

## QUANTITIES OF FERTILIZERS TO USE

**Bone Meal.** 5 lbs. to 100 sq. ft.; ½ to 1 ton per acre.

**Blood and Bone (Tankage).** 300 to 500 lbs. per acre.

**Lime, Hydrated.** For lawn, 100 lbs. to 400 sq. ft., 1 ton per acre on light soils; 2 tons per acre on heavy soils.

**Nitrate of Soda.** 1 oz. to 2 gals. water; 100 to 200 lbs. per acre.

**Sheep Manure.** 1 lb. to 5 gals. of water, 500 to 600 lbs. per acre.

